DOCUMENT RESUME

ED 350 923 HE 025 901

TITLE	Facilities Inventory and Utilization Study, Fall of 1991, for the State of North Carolina. Twenty-Fifth Edition.
INSTITUTION	North Carolina Univ., Chapel Hill. Commission on Higher Education Facilities.
PUB DATE	Sep 92
NOTE	206p.
AVAILABLE FROM	State Commission on Higher Education Facilities, University of North Carolina, General Administration, 910 Raleigh Road, P.O. Box 2688, Chapel Hill, NC 27515-2688.
PUB TYPE	Statistical Data (110) -- Reports - Descriptive (141)
EDRS PRICE	MF01/PC09 Plus Postage.
DESCRIPTORS	Accessibility (for Disabled); College Buildings; Community Colleges; *Educational Facilities; Facility Case Studies; Facility Inventory; Facility Utilization Research; *Higher Education; Private Colleges; Public Colleges; *Use Studies
IDENTIFIERS	*North Carolina

ABSTRACT

This publication presents the results of the 25th annual inventory and utilization study of the status of space in North Carolina institutions of higher education at the end of the fall term of 1991. The study provides data for 113 institutions including the public institutions which comprise the University of North Carolina, 39 private non-profit colleges and universities, and the 58 public two-year institutions of the Community College System. The report gives indications of the uses being made of the space and provides, where feasible, norms and historical information for the past five years. Statistics for private institutions are shown by group rather than institution. The study is divided into four sections. The section on the utilization of instructional space provides ratios, percentages, and indices which relate the amount of instructional activity at an institution to various categories of campus space. The section on interior space characteristics statistically describes campus space by its uses and the programs to which it is assigned. The section on building characteristics contains data on building age, condition, and replacement cost. The final section describes accessibility to persons in wheelchairs. Included are an index and a nine-item bibliography. (JB)

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STATE OF NORTH CAROLINA
HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

FACILITIES INVENTORY AND UTILIZATION STUDY 1991

Anne and Benjamin Cone Building, UNC at Greensboro

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State Commission on Higher Education Facilities
The University of North Carolina-General Administration
910 Raleigh Road
P.O. Box 2688
Chapel Hill, North Carolina 27515-2688

Five hundred and fifty copies of this public document were printed at a cost of $7,040.00 or $12.80 per copy.

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HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

FACILITIES INVENTORY AND UTILIZATION STUDY
FALL OF 1991

For
THE STATE OF NORTH CAROLINA

TWENTY-FIFTH EDITION

THE UNIVERSITY OF NORTH CAROLINA
Commission on Higher Education Facilities
Chapel Hill, North Carolina

September 1992

Anne and Benjamin Cone Building, UNC at Greensboro

(Cover photo by Gordon H. Schenck, Jr., Charlotte, N.C.)

When the State Normal and Industrial School opened its doors nearly 100 years ago on October 5, 1892, it consisted of two buildings and one tree on a red clay hill. Now in its Centennial year, the University of North Carolina at Greensboro has been transformed into a doctorate-granting institution with a growing national reputation. UNCG begins its second century with nearly 12,000 students and offerings of 100 fields of study for undergraduates, 68 majors at the master's degree level, and doctoral degree study in 13 fields. The institution is also one of three UNC campuses authorized to offer doctoral degrees in its general curriculum and one of two with a chapter of Phi Beta Kappa, symbolic of academic excellence. Approval for reclassification to Doctoral Granting-University I was received in the spring of 1992.

UNC Greensboro has made significant progress over the past 12 years in improving its buildings and grounds. Since 1980, the institution has either completed, or currently has under design or construction, new buildings and renovations totaling approximately $85 million (including both self-liquidating and tax-supported projects). These capital improvements very substantively symbolize UNC Greensboro's renewed strength as it prepares to enter its second century of instruction and research.

The $7.5 million Anne and Benjamin Cone Building, dedicated in 1989, is one of the recent valuable additions to the campus. Providing a modern and attractive structure to mark the east entrance to the campus, the Cone Building houses Weatherspoon Art Gallery and the nationally recognized Weatherspoon Collection of contemporary American art. The building's contemporary architectural design includes an exterior of brick, marble, and granite and features a marble tower trimmed in glass and aluminum. With an interior area of 46,323 square feet, the Cone Building houses one large and five smaller galleries in addition to a large lecture hall and other instructional areas. Adjoining the building is a sculpture courtyard. Among special interior features is a sophisticated temperature and humidity control system for protection of artworks.

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Note: Chancellors and Presidents are listed as of the publication date. The Project Officers are the persons who supplied the data used in this year's study.

Foreword

This study, the twenty-fifth in the annual series of facilities inventory and utilization studies, reflects the status of space in North Carolina institutions of higher education at the end of the drop-add period of the 1991 fall term at each college. It also gives indications of the uses being made of the space and provides, where feasible, norms and historical information for the past five years to enable institutions to make their own assessments of their facilities.

Statistics for private institutions are shown by group, rather than by institution, because of the agreement made with these institutions when the project was initiated. Annually, each institution is forwarded its own data and can then make a self-assessment on the basis of these data, its historical record, group data, and the norms cited for the various tables.

The purposes of this study include providing facilities data to federal and state authorities, making data on North Carolina facilities available to other commissions for comparative purposes, and providing participating institutions with data which may be helpful in the management of their facilities. This report presents selected summary information from the quantities of data assembled in the 1991 comprehensive planning studies.

Public senior institutions, community and technical colleges, and private institutions throughout the state have cooperated fully in time, energy, and funds to provide data for the studies. The participating institutions are listed in the preceding section. The gathering and review of data for the studies have been accomplished through the joint effort of the agencies providing membership to the Facilities Technical Committee.

Special acknowledgement and appreciation are expressed to the following individuals for their cooperation and contributions: Philip Albano of the Department of Community Colleges, Karen Copeland of the University of North Carolina at Chapel Hill, Sheri Green of N. C. State University, Thomas Heath of the Carolina Population Center, Emily Herman of the University of North Carolina at Greensboro, Susan Hunter of Wake Forest University, and John Kelton of Davidson College. The Project Officers of the participating institutions deserve special recognition for the tremendous job they have done in providing the basic data for this study.

The commission staff also expresses appreciation to members of the Facilities Advisory Commission for their advice and counsel through the years.

Charles L. Wheeler
Director

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Introduction

The efficient use of campus facilities is of increasing concern to most colleges and universities. This concern is partially a reflection of the high costs involved in constructing and maintaining buildings, but it also stems from a broader recognition of the importance of facilities planning. The effective allocation and utilization of space is essential if an institution of higher education is to maximize its resources in accomplishing its objectives in the areas of instruction, research, and public service.

The primary purpose of the Facilities Inventory and Utilization Study is to provide higher education administrators with a detailed statistical profile of the facilities of their own campuses and of the other colleges and universities in North Carolina. The study also presents data which can provide the basis for comparative assessments of the extent to which space is used for instructional purposes. In short, this publication is intended as an important analytical tool for use in facilities planning. It is published annually by the State Commission on Higher Education Facilities, which is part of the University of North Carolina-General Administration.

Institutions Included

The study provides data for 113 institutions of higher education in North Carolina. This universe includes all of the sixteen public senior institutions which comprise the University of North Carolina, 39 private non-profit colleges and universities, and the 58 public two-year institutions which represent the Community College System. In addition, data are provided for UNC Hospitals at Chapel Hill, a part of the University of North Carolina. All proprietary institutions are omitted from the study, as well as two Bible colleges (John Wesley College and Roanoke Bible College) and a theological seminary (Southeastern Baptist Theological Seminary). The participating colleges and universities are listed by type of institution on pages v-x, along with the name of the President or Chancellor and the commission's project officer for each school. An alphabetical listing of these institutions, including mailing addresses and other information, can be found on pages 198-200.

At the request of the participating private colleges and universities, individual data for these institutions are not printed in the study. Instead, totals are reported for the three principal categories of private institutions: major research universities (two such institutions, including their associated medical schools), general baccalaureate colleges (31), and junior colleges (five). Each private institution is provided with facilities data for its own campus in order to enable it to make comparisons with the relevant group totals in the study. Comparisons may be made among individual private institutions through direct project officer contact.

Because of the unique facilities requirements of medical schools, data for the Division of Health Affairs at East Carolina University and the University of North Carolina at Chapel Hill are listed separately from their parent campuses.

For similar reasons, the Higher Education Facilities Commission separately lists the data for North Carolina State University's School of Veterinary Medicine.

Types of Data Collected

The study is divided into four sections which reflect the four broad categories of facilities data which are reported: the utilization of instructional space, interior space characteristics, building characteristics, and accessibility of facilities to the mobility impaired. The section on the utilization of instructional space provides ratios, percentages, and indices which relate the amount of instructional activity at an institution to various categories of campus space. The section dealing with interior space characteristics statistically describes campus space by its uses and the programs to which it is assigned. It also provides data relating the sizes and capacities of classrooms and class laboratories. The building characteristics section focuses on such data elements as building age, condition, and replacement cost. The final section describes the amount and type of campus space which is accessible to persons who are confined to wheelchairs.

This study is designed to provide only a "snapshot" of institutional facilities at a particular point in time. Facilities data reflect all buildings which were completed as of October 1 of the year of the study. Utilization data reflect only the courses which were under way as of the drop-add period of the fall term. The data do not take into account any instructional activity that occurred during the spring semester or quarter.

It should also be noted that different types of institutions will often have very different space needs. As a result, two institutions with facilities which are equally well-utilized may have significantly different utilization data. Thus, it is generally unwise to attempt to make comparisons between two institutions which are dissimilar in terms of their levels or the instructional programs which they offer. Peer comparisons provide the most reliable means of assessment.

Procedures Used in Collecting Data

The Higher Education Facilities Commission maintains an annually updated, computer-based facilities inventory of each institution included in the study. A facilities inventory is comprised of a Building Characteristic Report and a Room Characteristic Report. The Building Characteristic Report lists and provides detailed information about each building on an institution's campus. The Room Characteristic Report lists every room in each building and provides information about its size and capacity. Each room is also coded to reflect its use and the institutional programs which it supports.

Each fall every institution supplies the commission with a list of changes in its facilities inventory occurring since the previous fall. Most of the colleges and universities provide these data by annotating a copy of their

previous year's inventory. An institution may choose, however, to provide its facilities update data by supplying the commission with a mainframe computer tape, PC diskette, or electronic mail transmission of its current facilities inventory.

Space utilization data are based on the annual submission by each institution of a list of its fall term courses. For each course, the institution provides information indicating when and where the class meets and the number of students enrolled. Many institutions also provide these data on computer tape, diskette, or an E-mail file. The others supply their utilization data on computer printouts or on specially designed utilization forms, and the commission keys this information onto master files at the Administrative Data Processing Center (ADP) in Chapel Hill. Each institution's course data are run against its updated facilities inventory to generate the Instructional Space Utilization Report. This report indicates how effectively an institution uses its facilities and measures its need for classroom and laboratory space in relation to comparable institutions.

Schools which need help in updating their facilities inventories or compiling utilization data are provided technical assistance by the Commission staff. Questions are answered by telephone, or if a problem is particularly complex, a campus visit is arranged. The commission staff also assists institutions by taking the measurements of new buildings for which the institutions have provided blueprints. For the past several years, because of improved in-house data processing capabilities, the commission has provided data search services, software, special analyses and facilities survey assistance to participating institutions making such special requests.

Both the facilities inventory updates and the utilization data from each school are reviewed carefully by the commission staff. Extensive computer edits are also used as a means of ensuring accuracy and consistency. When problems are discovered, the institutions are contacted for additional information or corrections.

Every year each institution receives two copies of its updated Building and Room Characteristic Reports and its Instructional Space Utilization Report. Also provided are two copies of the Building Data Summary Report, which analyzes in detail the institution's building data, and a number of statistical tables which describe the institution's assignable area and its accessible space in terms of their use and the programs to which they are assigned. The reports and tables are also supplied to the Finance Division of the University of North Carolina-General Administration (UNC constituent institutions only), the Department of Community Colleges (two-year public institutions only), and to the Office of State Property of the Department of Administration (UNC constituent institutions only).

The Facilities Inventory and Utilization Study is based on the data contained in these tables and reports. It is distributed to the President or Chancellor of each institution, the commission's institutional project officers, the Higher Education Facilities Commissions in the other states, the libraries of the participating institutions, and the members of the commission's advisory committees. Copies are available without charge to persons who request them.

Limitations and Special Situations

This study contains reliable and useful information concerning the facilities of colleges and universities in North Carolina and their utilization for instructional purposes. It is important, however, to note two limitations in the data provided.

Although campus facilities would generally be viewed as including such assets as parking lots, tennis courts, and radio control towers, this study is limited to data relating to buildings. For purposes of the study, a building is defined as any roofed structure. This definition includes trailers and other mobile units.

Because of technical problems in collecting course information from medical schools and related programs, utilization data are not supplied by the Division of Health Affairs at East Carolina University and the University of North Carolina at Chapel Hill, or by the Bowman Gray School of Medicine, the Duke University Medical Center, UNC Hospitals at Chapel Hill, or the North Carolina State University School of Veterinary Medicine. They are, therefore, excluded from most of the utilization tables. Separate enrollment figures are provided for these divisions, however, and Table 2 includes utilization data for the Veterinary School and the two Divisions of Health Affairs at public institutions (although these data are excluded from all totals).

Special situations exist at several institutions which can affect both the reporting and summarization of utilization data. These situations are described below to enable reviewers to make more accurate and fair comparisons among different institutions.

N. C. School of the Arts and St. Mary's College instruct secondary school students as well as students at the college level. To reflect this fact, high school courses conducted at these campuses were also considered in calculating student clock hours. The high school students were not included in the full-time equivalent enrollment figures for these institutions, however. In Table 2, this has the effect of significantly underestimating the total utilization of academic space for the School of the Arts and the Junior College subtotal as reported. It should also be noted that the programs conducted at the School of the Arts inherently require significantly more space per student than at other constituent institutions of the University of North Carolina. Comparisons of this institution's utilization with that of any other college or university would, therefore, be misleading.

N.C. A&T State University similarly shows an above-average square footage of academic facilities per FTE student (Table 2) and understated utilization of academic space in other tables. This is due to the institution's extensive instruction and research programs in Agriculture which require significantly more academic space per FTE student than is typical of other general academic programs.

The Department of Community Colleges now reports full-time equivalent enrollment (FTE) based on a contact-hour formula instead of the previous credit-hour calculation. This alteration was made four years ago by DCC and commission

staff to conform to the official Department of Community Colleges FTE figure for data reporting and funding assignment. Because of problems with the previous calculation formula, this change has provided a better correlation to on-campus space utilization and ensured greater data integrity. Tables 2 and 12 of this study, with accompanying graphs on pages 19 and 71, are impacted by this conversion, which is further explained in their preceding texts.

Western Carolina University conducts a number of courses on the campus of the University of North Carolina at Asheville. Beginning in 1981, the student clock hours of UNC at Asheville reflected these WCU courses, as well as courses for WCU students sponsored by UNC at Asheville and conducted on its campus. Full-time equivalent enrollments of the WCU-sponsored courses at UNC at Asheville are, however, credited to WCU rather than to UNC at Asheville. Several Community Colleges have similar inter-campus course arrangements and FTE/student clock hour figures are derived in the same manner. In addition, Gardner-Webb College offers classes on the campus of Mitchell Community College. These classes have been included in the utilization data for Mitchell but are not reflected in the full-time equivalent enrollment for that institution.

As further clarification of institution groupings, graph references to "UNC Campuses" refer to the sixteen public Baccalaureate-granting institutions of the University of North Carolina. Table subtitles and graph legends for "Community Colleges" refer to the 58 Community and Technical Colleges of the North Carolina Community College system.

In 1992 two UNC institutions received requested reclassifications based on their education missions: UNC Greensboro was upgraded from a Doctoral Granting University II to a Doctoral Granting University I; UNC Asheville was reclassified from a Comprehensive University II to a Liberal Arts University I. Because the data in this study reflect fall 1991 status, the new designations do not appear in this publication's tables.

The data elements collected, formats maintained, and statistics generated by the North Carolina Commission on Higher Education Facilities adhere very strongly to nationally developed standards and procedures for facilities inventory and utilization surveying. In the interests of state and national comparability and standardization, changes such as addition/omission of data items and format/master file rearrangement are not made by this central office to suit the special interests or needs of a particular campus. Many North Carolina institutions accommodate these local information needs by including additional data on campus-maintained files, in formats suitable to campus researchers and planners, as a supplement to Facilities Commission (national standard) data. This office does, however, provide the special request, data processing services mentioned above to all North Carolina institutions for all data maintained on commission files. In addition, these services are provided to institutions which maintain supplemental or special campus information items when these data are provided with the request.

Health and Human Performance Building, UNCG at Greensboro
(Photo by Bob Cavin, University Publications, UNCG)

The largest project in UNCG's recent facilities growth is the $16.2 million Health and Human Performance Building, dedicated in 1990. Two older buildings, Rosenthal Gymnasium built in 1925, and Coleman Gymnasium built in 1952, were extensively renovated and incorporated into the new structure, which provides attractive new quarters for the School of Health and Human Performance and the separate Department of Intercollegiate Athletics. Designed with distinctive brick segmental-arch windows, the HHP Building, with an interior area of 234,610 square feet, is now the largest on campus.

Both the new and fully renovated sections of the building provide modern instructional and research facilities in the areas of health and human development, fine arts, and intercollegiate athletics. Larger areas include a 2300-seat spectator gymnasium, Coleman Research Gymnasium, dance theatre studios, and fully equipped weight athletic training facilities. A computer laboratory and several multipurpose classrooms, research laboratories and departmental office suites complete the major interior space assignments. Special building features include a four-level atrium and a modern, computerized heating, ventilation and air conditioning system.

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Aviation Center, Guilford Technical Community College

Guilford Technical Community College can now offer a wide array of aviation programs under one roof in a new $2.1 million, 36,000-square foot facility. The Aviation Center is located on eight acres near the Piedmont Triad International Airport, which made the land available through a long-term lease agreement.

Instructional areas include several classrooms, a 10,000-square foot hangar, lab areas for electronics and hydraulics instruction, an engines room, sheet metal and welding areas, a flight simulation center and air traffic control room. The new center also houses an aviation library, a large conference room and a student lounge.

Utilization of Instructional Space

Capacity/Enrollment Ratio 9
Sq. Ft. of Academic Facilities Per FTE Student 17
Room Hours of Instruction in Classrooms 24
Room Hours of Instruction in Class Laboratories 30
Use of Student Stations in Classrooms 36
Use of Student Stations in Class Laboratories 42
Percent Student Station Utilization 48
Student Clock Hours of Instruction 55
Space Factors 58
Range of Space Utilization Indices 62
Space Criteria 64
FTE Enrollments 69

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TABLE 1:

CAPACITY / ENROLLMENT RATIO

The capacity/enrollment ratio, often referred to as the C/E ratio, is the amount of instructional and library space on campus divided by the total fall term student clock hours of that institution. The C/E ratio relates the amount of space directly used in an institution's instructional programs to the instructional activity of the campus. It is one of the most commonly used indices of instructional utilization of institutional facilities.

In analyzing and comparing the capacity/enrollment ratios, it should be kept in mind that a relatively low ratio generally indicates a high level of space utilization. It should also be noted, however, that such factors as the level of an institution and the kind of instructional programs that it offers will affect the amount of space required and, therefore, the C/E ratio. The capacity/enrollment ratio for all institutions of higher education in North Carolina has been between four and five for many years, but the graph on page 11 confirms that this ratio varies widely by type of institution.

Instructional and Library Space

Instructional and library space is defined in terms of program codes (pages 87-88, 93-95, 102-103, 108-109, 112-113) and room use codes (page 118). It is the sum of the areas of all rooms which carry both a program designation of 11-18 (Instruction), 41 (Library Services), or 01 (Unassigned, Capable of Use), and one of the room use codes listed below, with the exception that office space is omitted from program 01:

110 Classroom
115 Classroom Service

210 Class Laboratory
215 Class Laboratory Service

220 Special Class Laboratory
225 Special Class Lab Svc.

230 Individual Study Laboratory
235 Individual Study Lab Svc.

310 Office
315 Office Service

410 Study Room
420 Stack
430 Open Stack Reading Room
440 Processing Room
455 Study Service

510 Armory
515 Armory Service

520 Athletic-Physical Ed.
525 Athletic-Physical Ed. Svc.

Because of federal reporting requirements, all space associated with academic programs in theology (HEGIS taxonomy code 2300) is also excluded.

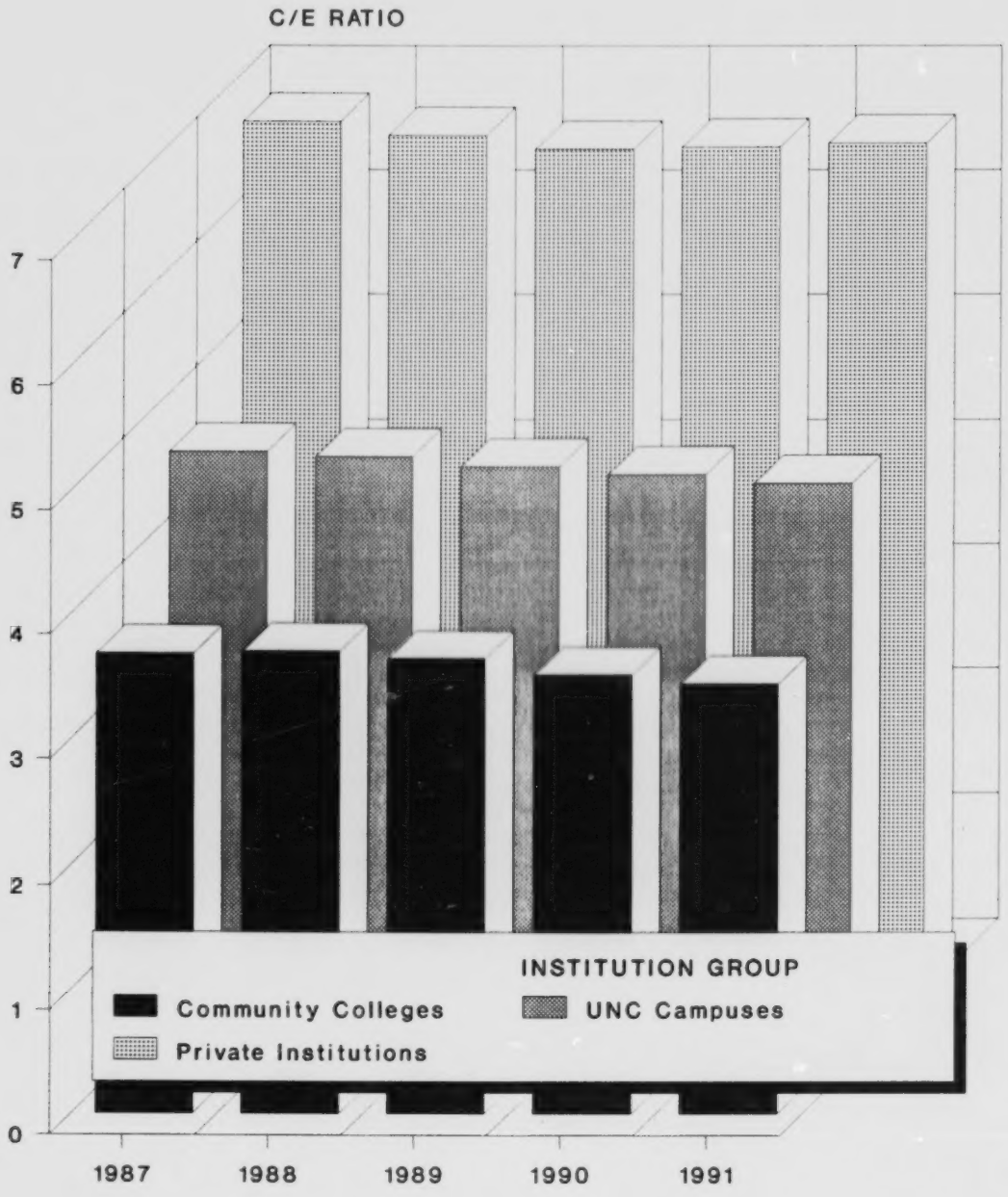
Student Clock Hours

Student clock hours is a measurement of the total weekly hours of scheduled instruction for all of an institution's students. It is computed for each course by multiplying the number of times the course meets each week by the number of hours of each course meeting (rounded to the half hour), and multiplying that product by the number of students. Thus, if a course with 20 students meets Tuesdays and Thursdays from 9:00 a.m. until 10:30 a.m., the number of student clock hours resulting from that class would be 60 (2 meetings/week x 1.5 hours/meeting x 20 students).

The student clock hours reported in this study are based upon on-campus courses, both credit and non-credit, which were in progress during the week following the drop-add period of the fall term and which lasted for at least eight weeks. More detailed student clock hour data are provided in Table 8.

$$\text{CAPACITY/ENROLLMENT RATIO} = \frac{\text{INSTRUCTIONAL \& LIBRARY SPACE}}{\text{TOTAL WEEKLY STUDENT CLOCK HOURS}}$$

CAPACITY/ENROLLMENT RATIO



Capacity / Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1991	1990	1989	1988	1987
Research Universities I:							
NC State	1,346,765	351,553.0	3.83	3.69	3.87	3.79	4.14
NC State Vet.	-	-	-	-	-	-	-
UNC-Chapel Hill	1,482,418	262,617.5	5.64	5.33	5.59	5.52	5.60
UNC-Health Aff.	-	-	-	-	-	-	-
SUBTOTAL	2,829,183	614,170.5	4.61	4.42	4.63	4.56	4.81
Doctoral Granting Universities II:							
UNC-Greensboro	566,895	144,293.0	3.93	3.85	4.00	4.03	4.33
Comprehensive I Universities:							
Appalachian	684,141	160,341.0	4.27	4.28	4.05	4.30	3.88
East Carolina	744,234	206,915.5	3.60	3.89	3.78	3.87	3.37
ECU-Health Aff.	-	-	-	-	-	-	-
Fayetteville	246,383	47,355.0	5.20	5.03	5.90	6.65	6.68
NC A & T	562,928	107,120.0	5.26	5.89	6.43	6.74	6.09
NC Central	415,856	68,907.5	6.03	5.80	6.06	7.35	7.04
UNC-Charlotte	582,676	193,376.0	3.01	3.16	3.17	3.24	3.54
UNC-Wilmington	334,502	111,677.5	3.00	3.46	3.45	3.59	3.47
West'n Carolina	508,796	87,689.5	5.80	6.80	6.57	6.15	6.63
SUBTOTAL	4,079,516	983,382.0	4.15	4.40	4.43	4.62	4.48
Comprehensive II Universities:							
Elizabeth City	214,132	29,782.0	7.19	7.26	6.55	6.38	6.54
Pembroke	209,426	35,690.5	5.87	5.69	4.93	5.45	5.97
UNC-Asheville	206,081	41,279.0	4.99	5.11	4.51	4.71	4.27
Winston-Salem	222,732	37,036.0	6.01	6.34	6.56	6.61	6.56
SUBTOTAL	852,371	143,787.5	5.93	6.01	5.53	5.72	5.77

Capacity / Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1991	1990	1989	1988	1987
Specialized Institution:							
NC Sch. of Arts*	169,062	16,585.0	10.19	0.96	9.37	7.33	8.32
Community Colleges:							
SUBTOTAL	6,402,505	1,864,985.0	3.43	3.50	3.63	3.69	3.67
PRIVATE INSTITUTIONS							
Major Research Universities:							
SUBTOTAL	1,217,837	192,070.5	6.34	6.36	6.52	6.56	6.58
Gen. Baccalaureate Colleges:							
SUBTOTAL	3,490,951	531,369.5	6.57	6.60	6.57	6.68	6.86
Junior Colleges:							
SUBTOTAL*	429,070	53,202.5	8.06	7.25	6.68	7.04	6.92
GRAND TOTAL	20,037,390	4,543,845.5	4.41	4.49	4.58	4.67	4.71

* High school courses at N.C. School of the Arts and St. Mary's College (Junior Colleges) are included in the data for these institutions.

Capacity / Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1991	1990	1989	1988	1987
Community Colleges:							
Alamance CC	103,290	42,789.5	2.41	2.55	2.77	2.31	2.69
Anson CC	33,721	7,997.5	4.22	5.02	5.53	6.06	5.97
Ashev'le-Bun. TCC	217,843	53,923.0	4.04	4.01	3.75	4.67	4.14
Beaufort Co. CC	66,655	20,139.0	3.31	3.61	4.36	5.10	5.33
Bladen CC	50,119	10,269.0	4.88	5.05	5.30	6.00	6.69
Blue Ridge CC	81,801	22,394.5	3.65	3.85	4.67	4.78	4.39
Brunswick CC	61,328	13,638.0	4.50	4.74	5.39	7.99	5.69
Caldwell CC & TI	105,932	25,038.0	4.23	4.26	4.68	3.76	3.79
Cape Fear CC	111,538	41,594.0	2.68	2.75	2.72	2.81	2.98
Carteret CC	71,501	20,985.5	3.41	3.26	3.02	3.16	3.00
Catawba Vy. CC	150,245	55,426.5	2.71	3.24	3.74	4.07	3.76
C. Carolina CC	119,793	33,107.5	3.62	3.90	3.72	3.70	3.39
C. Piedmont CC	443,370	161,738.0	2.74	2.24	2.27	2.35	2.09
Cleveland CC	98,887	18,285.5	5.41	4.96	5.39	5.10	6.45
Coastal Car. CC	141,112	50,625.0	2.79	2.59	2.56	2.65	2.97
Col. Albemarle	77,113	26,115.5	2.95	3.04	2.99	3.71	3.73
Craven CC	88,273	35,393.0	2.49	3.04	2.52	2.36	2.39
Davidson Co. CC	106,085	29,548.5	3.59	4.10	3.95	4.12	5.04
Durham TCC	124,063	50,431.5	2.46	2.30	2.55	2.66	2.59
Edgecombe CC	72,793	19,790.5	3.68	4.87	5.60	5.80	5.90
Fayettev'le TCC	204,720	82,970.0	2.47	2.86	2.64	2.50	2.59
Forsyth TCC	243,049	65,402.5	3.72	3.79	3.69	3.73	4.42
Gaston Col.	181,289	55,584.5	3.26	3.20	3.72	3.72	4.08
Guilford TCC	336,167	100,069.5	3.36	3.04	3.23	3.49	3.33
Halifax CC	64,983	20,686.0	3.14	3.66	3.50	3.80	5.20
Haywood CC	139,278	27,806.5	5.01	5.58	4.53	4.35	4.70
Isothermal CC	130,945	27,609.0	4.74	4.70	4.97	4.64	4.49
J. Sprunt CC	61,936	14,979.0	4.13	5.11	5.52	5.85	6.31
Johnston CC	94,869	28,544.5	3.32	3.43	3.72	3.04	3.14
Lenoir CC	126,570	34,914.5	3.63	4.14	4.97	4.21	4.13

Capacity / Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1991	1990	1989	1988	1987
Community Colleges:							
Martin CC	76,712	13,584.0	5.65	5.58	6.02	7.35	6.75
Mayland CC	40,710	10,864.0	3.75	3.76	3.49	4.63	3.67
McDowell TCC	57,016	14,917.5	3.82	5.18	5.18	6.13	6.20
Mitchell CC	114,971	26,322.0	4.37	4.48	4.57	4.82	5.56
Montgomery CC	37,643	7,948.0	4.74	4.62	5.14	4.79	4.92
Nash CC	105,257	24,426.5	4.31	4.65	5.02	4.68	3.91
Pamlico CC	20,814	2,844.5	7.32	6.87	6.34	6.42	8.47
Piedmont CC	56,166	11,513.5	4.88	5.44	5.61	5.58	5.82
Pitt CC	114,658	48,956.0	2.34	2.62	2.50	2.65	2.62
Randolph CC	113,815	25,056.5	4.54	4.23	4.24	4.50	4.60
Richmond CC	79,648	19,130.5	4.16	5.23	5.48	5.64	4.58
Roanoke-Cho. CC	73,070	10,857.5	6.73	4.95	5.36	5.67	5.61
Robeson CC	88,409	25,672.5	3.44	4.02	4.39	6.16	4.92
Rockingham CC	143,048	30,476.5	4.69	5.46	5.59	5.97	5.33
Rowan-Cab. CC	124,175	36,624.5	3.39	3.36	3.28	3.73	3.71
Sampson CC	61,008	17,193.5	3.55	3.61	3.94	4.49	4.42
Sandhills CC	129,392	36,137.0	3.58	3.77	3.86	3.23	3.65
Southeastern CC	96,823	20,778.5	4.66	4.02	4.24	3.98	4.40
Southwestern CC	80,296	19,134.5	4.20	4.02	4.96	6.04	4.57
Stanly CC	53,035	15,945.0	3.33	3.52	3.64	3.50	4.28
Surry CC	101,157	37,392.5	2.71	2.86	3.04	3.35	3.35
Tri-County CC	55,198	11,044.5	5.00	5.19	6.31	5.95	5.56
Vance-Granv. CC	87,204	23,975.5	3.64	3.01	3.16	4.16	3.34
Wake TCC	184,165	63,627.5	2.89	2.96	3.19	2.98	2.54
Wayne CC	143,893	39,156.5	3.67	3.93	4.47	2.89	3.42
W. Piedmont CC	84,132	29,107.0	2.89	2.63	2.69	2.81	3.31
Wilkes CC	84,752	26,668.0	3.18	3.13	3.29	2.99	3.30
Wilson TCC	86,070	17,835.5	4.83	5.16	4.91	4.09	4.93
TOTAL	6,402,505	1,864,985.0	3.43	3.50	3.63	3.69	3.67

TABLE 2:

SQUARE FEET OF ACADEMIC FACILITIES PER FTE STUDENT

The ratio of an institution's square footage of academic facilities to its full-time equivalent enrollment represents an important index of the instructional utilization of campus facilities. It was first used by the U. S. Office of Education as a planning standard in the 1960s. In 1969, the Office of Education published an extensive study entitled Federal Support for Higher Education Construction: Current Programs and Future Needs which provided normative figures by level and control of institution. The figures, which are still widely used in determining facilities needs, can be summarized as follows:

Institutional Level	Public	Private	Total
University	132	150	136
Four-year	93	103	98
Two-year	70	75	70
All Institutions	103	115	107

There is currently much national interest today in updating these norms through a new national survey of higher education facilities.

Academic Facilities

"Academic facilities" is a broader concept than "instructional and library space" (page 9). In general terms, it includes all space used for instruction, research, and the administration or support of instruction or research.

Academic facilities can be more precisely defined in terms of program codes (pages 87-88, 93-95, 102-103, 108-109, 112-113) and room use codes (page 118). The term refers to an institution's total assignable area (page 81) less the square footage of all rooms bearing program codes 42 (Museums and Galleries), 52 (Social and Cultural Development), 55 (Student Auxiliary Services), 56 (Intercollegiate Athletics), 65 (Faculty and Staff Auxiliary Services), 66 (Public Relations/Development), 91-92 (Independent Operations), and 02 (Incapable of Use). In addition, space with program code 63 (General Administration and Logistical Service) is deleted if it also has room use code 750 (Central Food Stores), or 760 (Central Laundry). Space with program 01 (Unassigned, Capable of Use) and any of the following room use codes is also excluded from academic facilities: 523 (Athletic Facilities Spectator Seating), 630 (Food Facilities), 635 (Food Facilities Service), 660 (Merchandising Facilities), 665 (Merchandising Facilities Service), 750 (Central Food Stores), 760 (Central Laundry), all of the 800s (Health Care Facilities), and all of the 900s (Residential Facilities). Because of federal reporting requirements, all space associated with academic programs in theology (HEGIS taxonomy code 2300) is also excluded.

FTE Enrollment

Full-time equivalent (FTE) enrollment is computed by assigning a percentage to each part-time student to reflect his/her course load and then adding the result to the total full-time enrollment. FTE enrollment differs from the other frequently used standard for estimating student populations, headcount enrollment, in that the latter treats full-time and part-time students identically. A more detailed description of the procedure used in calculating FTE enrollment can be found on page 69.

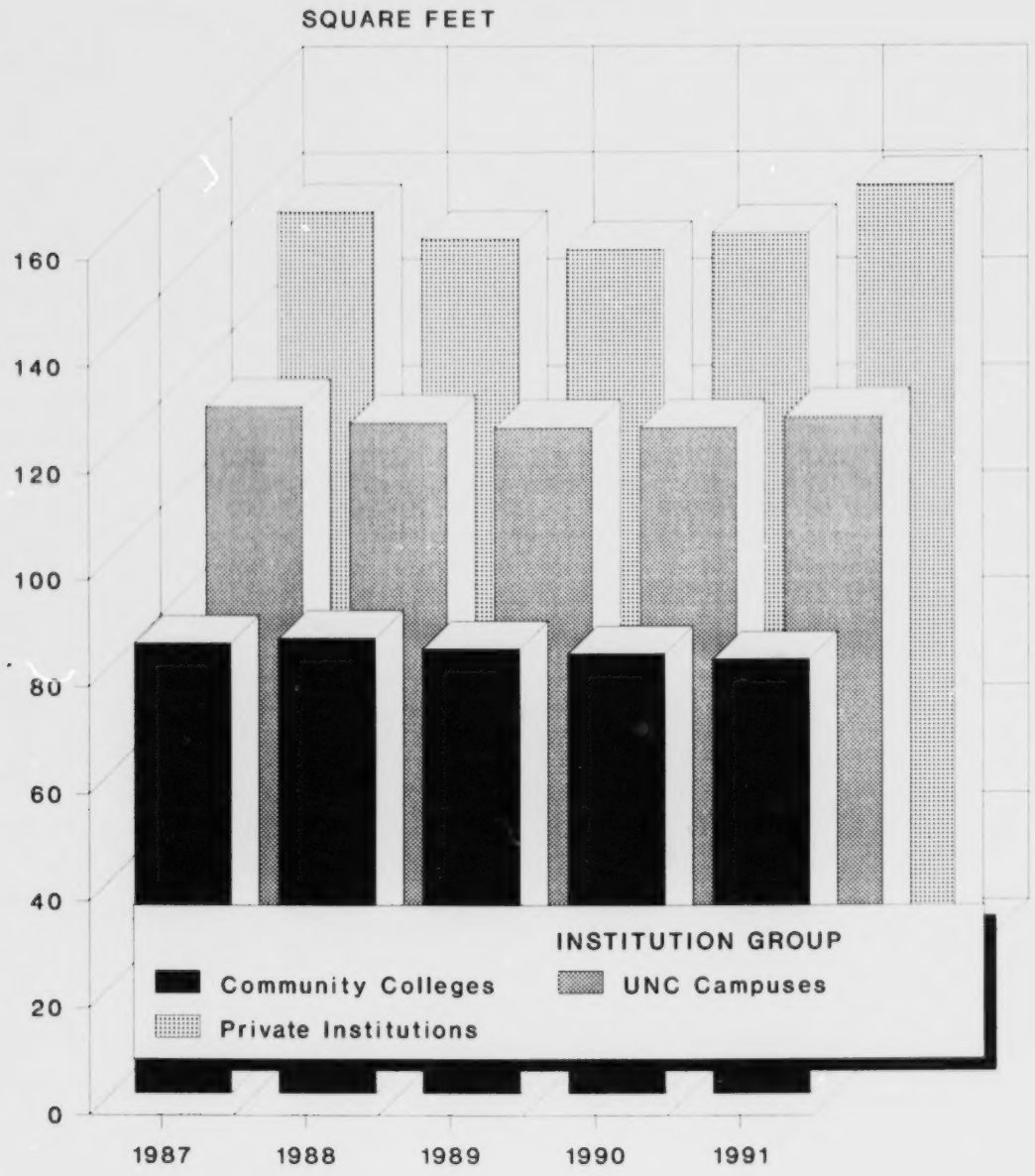
In this table, the FTE enrollments which are reported for the institutions of the Community College System exclude enrollment generated by off-campus instruction. Total FTE enrollments for these institutions--which take into account all credit instruction regardless of where it is conducted--are not listed in Table 2 because they are irrelevant to space utilization analysis. They are reported, however, in the parenthesized figures of Table 12.

The Department of Community Colleges now reports FTE figures based on a contact-hour formula instead of the previous credit-hour basis of calculation (see pages 69-70). To maintain an accurate table and graph presentation of trend over the past five years, figures for 1987-1990, in addition to the current 1991 figures, have been calculated on the basis of this conversion. This has had an overall impact of slightly increasing FTE and thus decreasing square feet of academic facilities per FTE student. For the community colleges, therefore, previous year figures for Table 2 and Table 12 in this study published before 1987 will not coincide with those in subsequent publications.

SQ. FT. OF ACADEMIC FACILITIES PER FTE STUDENT =

$$\frac{\text{SQUARE FEET OF ACADEMIC FACILITIES}}{\text{FTE ENROLLMENT}}$$

SQUARE FEET OF ACADEMIC FACILITIES PER FTE STUDENT



Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1991	1990	1989	1988	1987
Research Universities I:							
NC State	2,968,466	21,894	136	127	130	129	136
NC State Vet.	220,984	269	822	783	803	774	780
UNC-Chapel Hill	2,572,167	17,960	143	136	138	135	140
UNC-Health Aff.	1,288,177	3,305	390	402	380	381	368
SUBTOTAL*	5,540,633	39,854	139	131	134	132	138
Doctoral Granting Universities II:							
UNC-Greensboro	946,312	10,256	92	90	93	91	96
Comprehensive I Universities:							
Appalachian	1,027,086	10,798	95	95	89	90	89
East Carolina	1,124,898	14,288	79	78	80	80	74
ECU-Health Aff.	439,738	1,009	436	333	377	406	437
Fayetteville	358,375	3,181	113	112	123	139	141
NC A & T	1,002,628	6,486	155	152	151	161	160
NC Central	576,503	4,668	124	121	125	132	134
UNC-Charlotte	856,331	12,821	67	66	67	68	73
UNC-Wilmington	481,519	7,426	65	74	72	75	73
West'n Carolina	768,641	5,764	133	140	140	128	140
SUBTOTAL*	6,195,981	65,432	95	95	96	97	98
Comprehensive II Universities:							
Elizabeth City	310,158	1,700	182	185	169	172	169
Pembroke	277,892	2,559	109	101	91	105	113
UNC-Asheville	276,206	2,562	108	107	95	100	89
Winston-Salem	329,720	2,272	145	152	144	146	144
SUBTOTAL	1,193,976	9,093	131	130	119	126	125

Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1991	1990	1989	1988	1987
Specialized Institution:							
NC Sch. of Arts**	253,200	472	536	534	502	496	451
Community Colleges:							
SUBTOTAL	8,028,914	99,488	81	82	83	85	84
PRIVATE INSTITUTIONS							
Major Research Universities:							
SUBTOTAL*	2,237,544	15,149	148	148	150	147	151
Gen. Baccalaureate Colleges:							
SUBTOTAL	5,077,254	37,089	137	126	125	125	130
Junior Colleges:							
SUBTOTAL**	544,218	2,855	191	170	163	164	166
GRAND TOTAL	30,018,032	279,688	107	105	106	107	110

* Division of Health Affairs and NCSU Veterinary School are excluded from all totals.

** The exclusion of high school student enrollment from this table results in a significant understatement of the total utilization of academic facilities at N. C. School of the Arts and St. Mary's College (Junior Colleges).

Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1991	1990	1989	1988	1987
Community Colleges:							
Alamance CC	129,279	2,218	58	63	66	57	64
Anson CC	41,857	310	135	169	158	162	146
Ashev'le-Bun. TCC	263,568	2,938	90	101	80	108	93
Beaufort Co. CC	88,914	1,118	80	89	94	103	108
Bladen CC	64,639	729	89	127	131	154	135
Blue Ridge CC	104,858	1,190	88	89	100	117	95
Brunswick CC	93,327	646	144	153	147	148	123
Caldwell CC & TI	131,448	1,493	88	97	96	80	80
Cape Fear CC	136,244	2,393	57	59	59	60	63
Carteret CC	107,557	1,117	96	88	92	89	86
Catawba Vy. CC	187,460	2,425	77	86	89	107	95
C. Carolina CC	139,738	1,685	83	71	74	71	71
C. Piedmont CC	526,296	9,132	58	52	52	53	54
Cleveland CC	121,197	904	134	142	148	135	151
Coastal Car. CC	162,166	2,794	58	55	54	56	60
Col. Albemarle	109,126	1,451	75	82	81	90	92
Craven CC	98,191	1,475	67	73	74	83	88
Davidson Co. CC	132,126	1,893	70	74	76	79	78
Durham TCC	155,347	2,931	53	52	58	58	63
Edgecombe CC	91,403	1,117	82	94	101	107	120
Fayettev'le TCC	284,347	4,797	59	60	54	56	50
Forsyth TCC	290,404	3,371	86	90	87	89	103
Gaston Col.	228,422	2,836	81	61	68	66	76
Guilford TCC	400,463	5,479	73	69	74	81	74
Halifax CC	83,489	1,039	80	104	100	100	115
Haywood CC	189,617	1,334	142	151	139	147	145
Isothermal CC	156,208	1,447	108	117	119	116	101
J. Sprunt CC	77,166	889	87	122	129	125	124
Johnston CC	124,037	1,712	72	68	73	63	70
Lenoir CC	149,091	1,749	85	91	89	82	84

Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1991	1990	1989	1988	1987
Community Colleges:							
Martin CC	96,771	644	150	164	180	184	161
Mayland CC	53,933	659	82	95	95	118	74
McDowell TCC	68,914	648	106	123	129	127	129
Mitchell CC	138,718	1,212	114	125	133	140	143
Montgomery CC	45,273	503	90	114	120	125	114
Nash CC	127,272	1,101	116	120	132	139	88
Pamlico CC	26,713	101	264	278	221	186	254
Piedmont CC	88,848	583	152	174	209	209	191
Pitt CC	139,187	1,790	78	57	56	57	57
Randolph CC	141,483	1,334	106	99	96	107	106
Richmond CC	103,853	936	111	121	124	120	99
Roanoke-Cho. CC	93,950	665	141	116	122	132	138
Robeson CC	112,003	1,228	91	95	100	128	110
Rockingham CC	169,058	1,622	104	115	117	132	120
Rowan-Cab. CC	150,788	1,565	96	88	85	90	90
Sampson CC	77,450	796	97	95	93	92	99
Sandhills CC	161,450	2,504	64	64	65	67	71
Southeastern CC	115,455	1,298	89	93	85	91	98
Southwestern CC	109,058	1,047	104	114	120	124	95
Stanly CC	63,162	902	70	77	76	79	85
Surry CC	118,268	2,065	57	62	68	72	75
Tri-County CC	73,504	590	125	121	124	115	136
Vance-Granv. CC	128,684	1,423	90	83	92	83	77
Wake TCC	246,732	3,485	71	75	76	72	66
Wayne CC	175,211	1,976	89	99	104	72	78
W. Piedmont CC	107,201	1,803	59	61	69	56	66
Wilkes CC	117,323	1,451	81	77	82	84	90
Wilson TCC	110,667	945	117	119	119	116	148
TOTAL	8,028,914	99,488	81	82	83	85	84

TABLE 3:

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS

The average weekly room hours of instruction in classrooms is calculated by dividing the total room hours of instruction in classrooms by the total number of classrooms. In more general terms, it is the average number of hours that an institution's classrooms are used for instructional purposes each week.

The total room hours of instruction in classrooms is the number of hours each week that each classroom is used for regularly scheduled classes. Thus, a classroom which is used Mondays, Wednesdays, and Fridays from 9:00 a.m. until 1:00 p.m. and on Tuesdays and Thursdays from 8:30 a.m. until noon would generate 19 room hours (4 hours/day x 3 days/week + 3.5 hours/day x 2 days/week). Table 3 indicates the total room hours of instruction in classrooms; the total number of classrooms can be found in Table 16.

For purposes of this study, a classroom is defined as a room used to conduct classes that do not require special-purpose equipment for student use. Thus, a classroom is by definition a general use facility which could be used for teaching the lecture portion of any course. If a room is used for regularly scheduled classes but has special equipment which ties it to a particular subject matter, then the room is a class laboratory and its use would not be taken into account in this table.

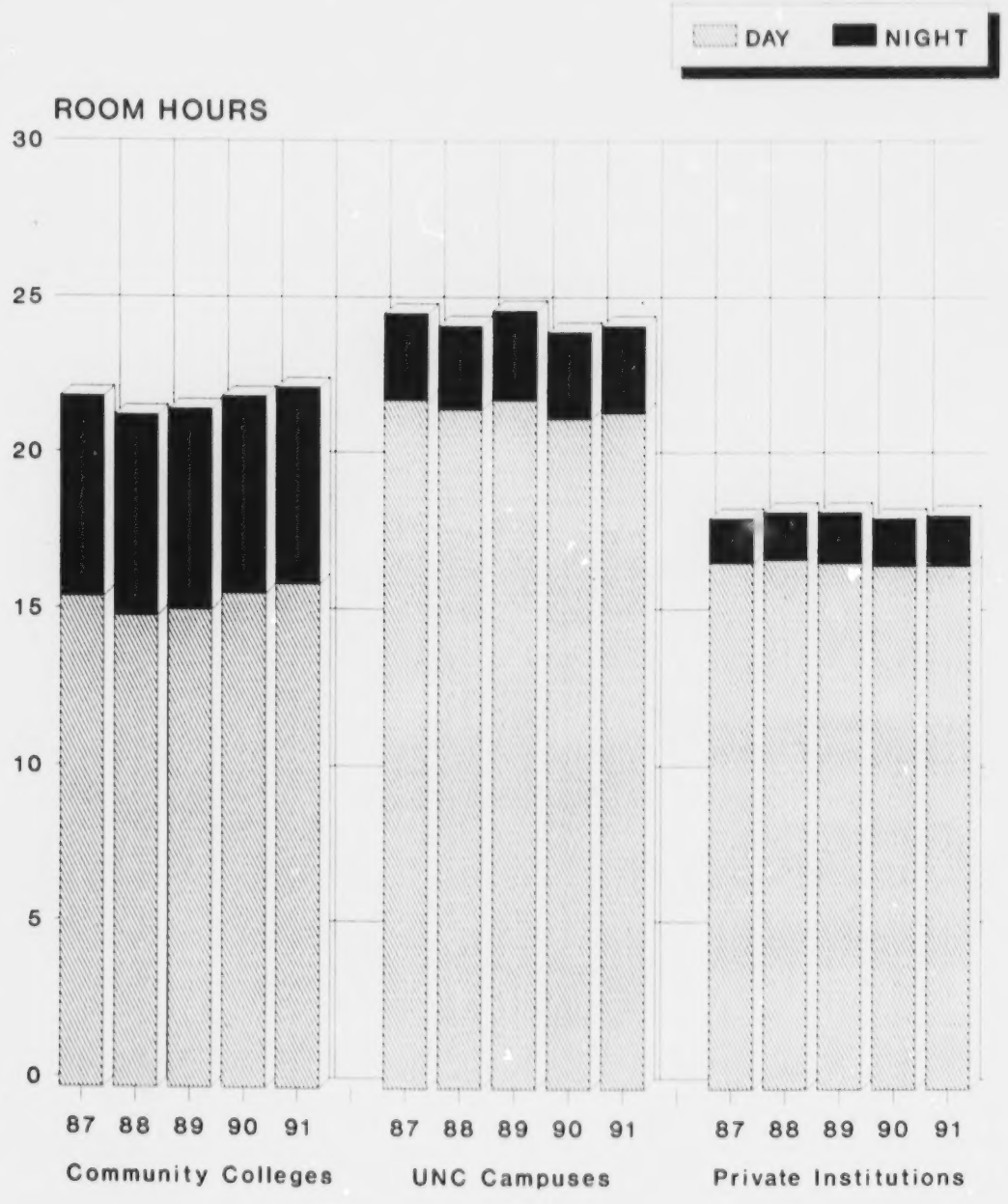
Table 3 separates average weekly room hours of instruction in classrooms into daytime and nighttime utilizations. Daytime utilization is based on all classes with beginning times between and including 5:00 a.m. and 4:59 p.m.; nighttime utilization is based on all other classes. The "All Hours" section of Table 3 indicates the sum of the daytime and nighttime figures for the last five years.

The average weekly room hours of classroom instruction can serve as an indicator of the adequacy of the number of classrooms at an institution. A frequently cited norm is 30 hours of instruction in classrooms per week, but the institutions in North Carolina and in many other states average significantly fewer hours.

AVG. WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS =

$$\frac{\text{TOTAL ROOM HOURS OF INSTRUCTION IN CLASSROOMS}}{\text{TOTAL NUMBER OF CLASSROOMS}}$$

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS



Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1991	1990	1989	1988	1987
Research Universities I:								
NC State	7,613.5	28.1	2.8	30.9	31.5	31.9	32.2	31.5
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	6,461.5	24.8	1.0	25.8	26.4	27.9	27.0	27.6
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	14,075.0	26.4	1.9	28.3	28.9	30.0	29.6	29.6
Doctoral Granting Universities II:								
UNC-Greensboro	3,600.5	23.8	3.7	27.5	26.5	25.3	25.5	24.2
Comprehensive I Universities:								
Appalachian	5,078.5	23.3	1.7	25.0	24.4	29.1	27.7	30.2
East Carolina	5,331.0	20.9	3.5	24.4	22.6	22.6	22.5	27.2
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	1,635.5	15.8	3.2	19.0	23.3	21.3	24.4	24.5
NC A & T	2,923.5	16.1	2.3	18.4	19.0	16.2	14.4	14.6
NC Central	2,175.5	12.4	3.0	15.4	16.0	15.2	14.6	13.7
UNC-Charlotte	4,064.0	28.5	6.9	35.4	36.1	38.4	35.2	32.7
UNC-Wilmington	2,816.0	31.4	4.3	35.7	33.6	32.5	33.7	37.0
West'n Carolina	2,527.5	20.7	2.5	23.2	21.4	23.1	24.8	20.8
SUBTOTAL	26,551.5	20.7	3.2	23.9	23.7	23.8	23.2	23.9
Comprehensive II Universities:								
Elizabeth City	939.5	15.0	1.8	16.8	16.5	20.3	19.3	20.1
Pembroke	1,342.0	17.8	2.0	19.8	19.5	19.5	16.9	15.0
UNC-Asheville	1,529.0	17.4	5.4	22.8	22.3	30.2	32.8	38.5
Winston-Salem	1,270.5	13.6	2.5	16.1	15.0	14.5	15.1	16.0
SUBTOTAL	5,081.0	15.9	2.9	18.8	18.3	20.1	19.6	20.1

Table 3

Average Weekly Room Hours of Instruction in Classrooms

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1991	1990	1989	1988	1987
Specialized Institution:								
NC Sch. of Arts	421.5	16.0	0.2	16.2	10.0	16.6	13.0	12.6
Community Colleges:								
SUBTOTAL	57,107.0	16.1	6.3	22.4	22.1	21.7	21.5	22.1
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	5,676.5	18.6	0.8	19.4	19.8	19.9	19.6	20.1
Gen. Baccalaureate Colleges:								
SUBTOTAL	20,776.0	16.3	2.0	18.3	18.0	18.2	18.4	17.9
Junior Colleges:								
SUBTOTAL	2,093.0	15.7	0.2	15.9	15.9	16.0	15.3	15.8
GRAND TOTAL	135,382.0	18.1	4.0	22.1	21.8	21.9	21.7	22.0

Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1991	1990	1989	1988	1987
Community Colleges:								
Alamance CC	1,160.5	20.1	9.7	29.8	28.5	26.4	36.3	30.2
Anson CC	186.0	15.3	3.4	18.7	21.3	18.6	19.0	13.7
Ashev'le-Bun. TCC	2,061.0	14.5	5.5	20.0	20.1	20.5	14.4	17.7
Beaufort Co. CC	718.5	17.0	8.7	25.7	24.3	22.0	20.2	19.2
Bladen CC	288.5	13.5	7.1	20.6	22.4	16.1	12.8	9.7
Blue Ridge CC	1,005.0	17.5	9.6	27.1	21.4	18.6	19.1	26.8
Brunswick CC	594.0	17.1	4.9	22.0	23.4	18.1	12.8	20.9
Caldwell CC & TI	823.0	15.0	6.7	21.7	20.6	20.5	24.4	22.4
Cape Fear CC	980.5	24.8	7.9	32.7	34.1	33.3	29.7	33.2
Carteret CC	787.5	13.6	7.6	21.2	21.3	25.0	24.9	24.8
Catawba Vy. CC	1,515.0	18.7	8.3	27.0	24.9	21.9	18.1	18.8
C. Carolina CC	1,137.0	19.6	7.5	27.1	25.2	27.1	27.9	27.7
C. Piedmont CC	4,314.5	16.7	6.2	22.9	26.9	26.1	28.3	30.0
Cleveland CC	613.0	10.8	6.3	17.1	16.3	15.7	17.3	15.7
Coastal Car. CC	1,709.0	21.9	7.6	29.5	35.1	35.5	36.0	33.9
Col. Albemarle	749.5	17.3	6.1	23.4	20.5	22.2	20.5	21.3
Craven CC	933.0	13.8	4.9	18.7	19.7	28.7	24.3	27.7
Davidson Co. CC	891.5	16.3	6.0	22.3	19.0	20.0	19.6	18.3
Durham TCC	1,669.5	20.6	9.8	30.4	30.7	29.6	29.2	29.6
Edgecombe CC	775.0	13.1	4.5	17.6	13.9	13.7	14.2	8.0
Fayettev'le TCC	2,953.5	23.9	7.6	31.5	32.0	32.4	30.4	30.2
Forsyth TCC	1,872.5	13.2	6.7	19.9	20.9	21.4	22.9	18.0
Gaston Col.	1,745.5	17.3	7.0	24.3	19.8	19.9	20.3	21.0
Guilford TCC	2,938.0	15.8	6.3	22.1	23.5	23.9	24.2	23.4
Halifax CC	555.5	17.8	5.4	23.2	18.3	18.8	18.0	15.5
Haywood CC	625.5	15.3	4.9	20.2	20.6	23.1	23.9	21.4
Isothermal CC	751.0	13.0	5.8	18.8	18.9	15.5	17.2	20.6
J. Sprunt CC	382.0	11.3	3.4	14.7	15.9	14.8	15.9	21.4
Johnston CC	853.0	16.9	5.5	22.4	20.9	24.0	25.1	29.1
Lenoir CC	1,001.0	14.2	3.7	17.9	15.0	14.0	18.0	17.8

Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1991	1990	1989	1988	1987
Community Colleges:								
Martin CC	309.5	13.1	5.1	18.2	16.7	14.8	15.3	15.5
Mayland CC	443.0	20.1	6.0	26.1	21.2	26.4	25.9	28.0
McDowell TCC	353.5	8.8	6.5	15.3	8.6	12.4	11.3	10.5
Mitchell CC	724.0	10.9	4.5	15.4	14.1	15.5	12.5	11.2
Montgomery CC	192.0	9.1	6.9	16.0	16.7	17.6	21.9	19.0
Nash CC	865.5	14.2	8.6	22.8	19.6	19.0	19.6	17.8
Pamlico CC	203.5	14.7	7.9	22.6	22.0	20.0	16.2	13.4
Piedmont CC	409.0	9.4	5.3	14.7	14.0	14.8	12.6	14.3
Pitt CC	1,188.0	25.3	6.8	32.1	31.7	35.2	34.5	32.4
Randolph CC	756.5	9.7	6.8	16.5	19.2	17.5	17.9	19.4
Richmond CC	668.0	13.3	5.8	19.1	15.1	13.3	17.6	19.0
Roanoke-Cho. CC	430.0	14.3	2.9	17.2	15.9	16.8	14.4	15.7
Robeson CC	765.0	15.5	9.2	24.7	21.3	18.6	12.2	19.8
Rockingham CC	921.0	16.1	6.3	22.4	20.2	17.9	18.2	24.4
Rowan-Cab. CC	1,337.5	12.4	8.2	20.6	21.7	23.6	21.2	21.8
Sampson CC	519.0	16.0	6.5	22.5	21.5	23.7	18.7	22.3
Sandhills CC	1,038.5	17.2	3.1	20.3	19.9	21.6	23.2	23.1
Southeastern CC	516.0	10.5	2.5	13.0	16.1	14.2	16.2	16.5
Southwestern CC	640.5	14.7	3.6	18.3	20.7	16.7	11.6	15.8
Stanly CC	581.5	15.7	6.6	22.3	20.7	21.9	21.9	16.0
Surry CC	859.0	21.0	8.6	29.6	29.5	27.1	23.3	26.2
Tri-County CC	385.5	7.9	8.1	16.0	17.3	12.9	15.2	20.4
Vance-Granv. CC	758.0	13.5	7.0	20.5	21.2	21.1	19.7	23.2
Wake TCC	2,199.5	22.1	4.4	26.5	27.4	25.0	23.8	32.1
Wayne CC	1,237.0	15.6	4.4	20.0	20.8	17.9	23.2	22.1
W. Piedmont CC	844.0	18.4	8.8	27.2	29.7	26.0	31.1	29.9
Wilkes CC	931.5	21.4	5.2	26.6	27.0	23.5	24.9	24.7
Wilson TCC	442.0	12.6	5.8	18.4	16.9	19.0	19.6	17.7
TOTAL	57,107.0	16.1	6.3	22.4	22.1	21.7	21.5	22.1

TABLE 4:

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES

The average weekly room hours of instruction in class laboratories is calculated by dividing the total room hours of instruction in class laboratories by the total number of class laboratories. In more general terms, it is the average number of hours that an institution's class laboratories are used for instructional purposes each week.

The total room hours of instruction in class laboratories is the number of hours each week that each class laboratory is used for regularly scheduled classes. This figure is provided in Table 4; the total number of class laboratories can be found in Table 17. Table 4 also separates the average room hour data into daytime and nighttime uses of class laboratories. For specific definitions of "daytime" and "nighttime," and for a more detailed explanation of the calculation of total room hours, see page 24.

For purposes of this study, a class laboratory is defined as a room used primarily for regularly scheduled classes that require special-purpose equipment for student participation, experimentation, observation, or practice in a field of study. This definition excludes rooms used for regularly scheduled classes which have no special-purpose equipment (i.e., classrooms) and also excludes rooms with special-purpose equipment which are not used for regularly scheduled classes (i.e., other kinds of laboratories).

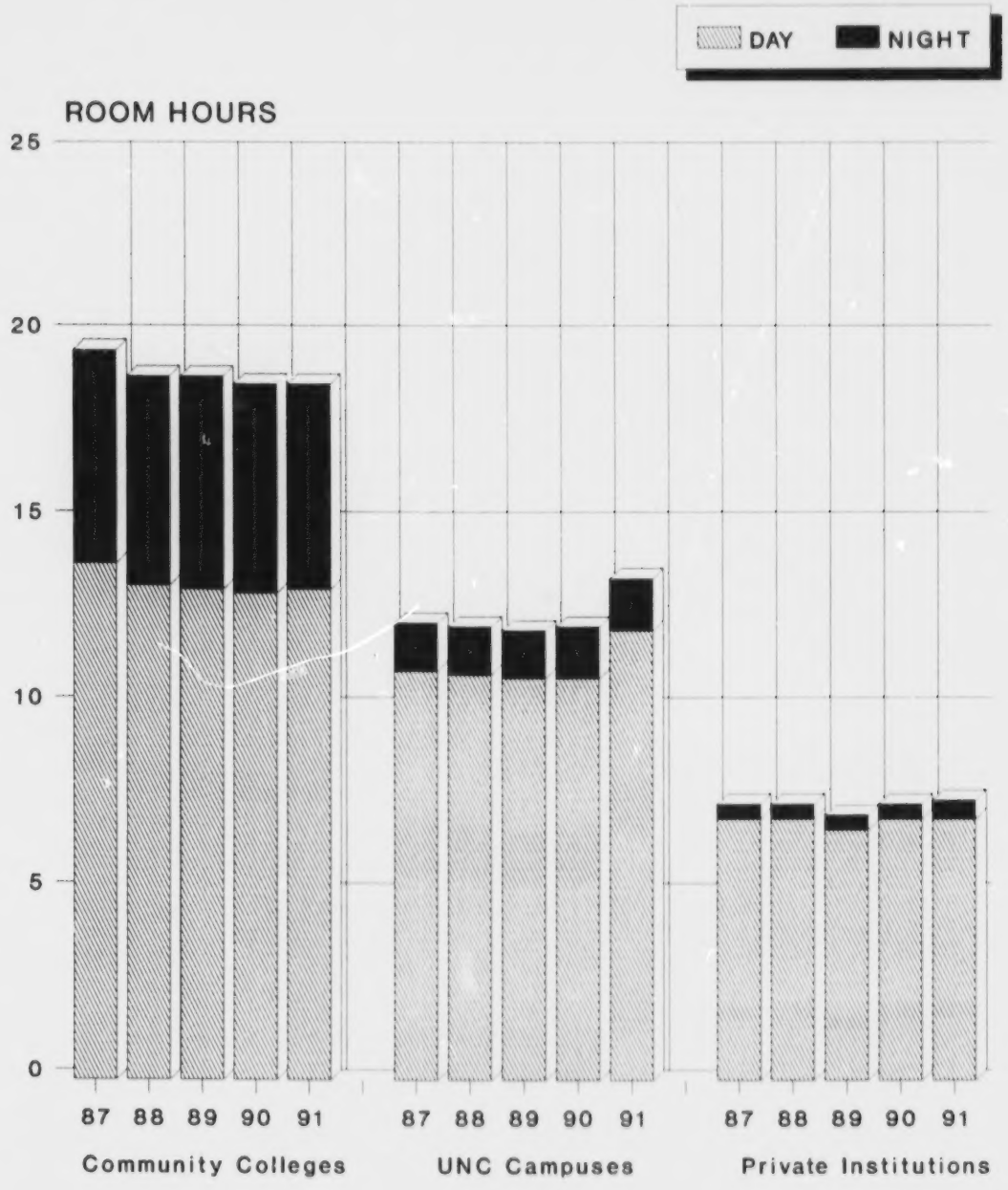
Table 4 can provide some indication of the adequacy of the number of class laboratories at a particular institution. Unfortunately, since the data reflect the utilization of all class laboratories, it is impossible to determine whether an institution's shortage (or surplus) of these rooms is limited to certain types or is "across the board." In such cases, an institution might be able to make a more useful measurement by determining the average weekly use of each type of class laboratory.

Because each class laboratory is designed for use in a particular field of study, most of them are not used as frequently as classrooms. A commonly cited norm for the average use of class laboratories is 20 hours per week. Many of the institutions of the Community College System exceed this figure, at least in part because of the technical nature of most of their instructional programs. The other colleges and universities in North Carolina generally fall well below this norm.

AVG. WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES =

$$\frac{\text{TOTAL ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES}}{\text{TOTAL NUMBER OF CLASS LABORATORIES}}$$

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES



Average Weekly Room Hours of Instruction in Class Laboratories

Table 4

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1991	1990	1989	1988	1987
Research Universities I:								
NC State	2,747.5	10.9	1.2	12.1	10.0	10.5	12.0	11.5
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	1,474.0	14.7	2.0	16.7	14.7	15.8	16.9	17.4
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	4,221.5	12.0	1.5	13.5	11.3	12.1	13.4	13.2
Doctoral Granting Universities II:								
UNC-Greensboro	905.5	14.2	1.7	15.9	14.3	13.6	12.9	13.9
Comprehensive I Universities:								
Appalachian	1,285.5	13.3	0.8	14.1	13.1	14.1	14.3	13.7
East Carolina	2,079.0	14.1	2.3	16.4	14.6	15.7	13.5	14.8
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	372.5	10.3	0.9	11.2	12.7	11.0	11.3	11.3
NC A & T	822.5	9.4	1.1	10.5	11.6	5.2	6.2	5.0
NC Central	343.5	5.8	0.8	6.6	6.0	6.5	3.7	5.8
UNC-Charlotte	1,792.5	16.2	2.5	18.7	18.6	20.9	19.5	20.0
UNC-Wilmington	717.0	18.4	2.7	21.1	20.0	19.3	17.5	16.6
West'n Carolina	860.5	14.0	1.3	15.3	12.4	11.3	12.4	11.5
SUBTOTAL	8,273.0	12.9	1.6	14.5	13.9	12.5	11.9	11.8
Comprehensive II Universities:								
Elizabeth City	394.5	8.6	1.0	9.6	8.4	11.2	12.9	12.0
Pembroke	189.0	5.7	0.1	5.8	7.3	8.7	9.1	10.6
UNC-Asheville	312.0	7.3	1.1	8.4	6.1	6.8	6.8	8.9
Winston-Salem	198.0	7.7	1.0	8.7	8.6	6.8	6.6	8.1
SUBTOTAL	1,093.5	7.4	0.8	8.2	7.4	8.2	8.7	10.0

Average Weekly Room Hours of Instruction in Class Laboratories

Table 4

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1991	1990	1989	1988	1987
Specialized Institution:								
NC Sch. of Arts	571.5	12.7	0.3	13.0	9.6	15.0	15.8	13.1
Community Colleges:								
SUBTOTAL	40,131.0	13.2	5.5	18.7	18.7	18.9	18.9	19.6
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	726.5	6.1	0.4	6.5	4.7	5.2	8.9	6.8
Gen. Baccalaureate Colleges:								
SUBTOTAL	3,915.5	7.3	0.5	7.8	8.0	7.5	7.4	7.4
Junior Colleges:								
SUBTOTAL	568.5	6.5	0.2	6.7	7.3	6.9	7.0	8.2
GRAND TOTAL	60,406.5	11.8	3.5	15.3	14.9	14.7	14.9	15.2

Average Weekly Room Hours of Instruction in Class Laboratories

Table 4

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1991	1990	1989	1988	1987
Community Colleges:								
Alamance CC	1,086.5	18.5	8.0	26.5	25.4	24.1	27.0	24.8
Anson CC	365.5	13.9	6.4	20.3	22.9	21.8	22.0	18.9
Ashev'le-Bun. TCC	940.0	12.1	5.7	17.8	17.3	16.0	15.6	17.8
Beaufort Co. CC	492.0	15.1	6.3	21.4	22.0	17.1	17.4	16.4
Bladen CC	413.5	14.4	6.3	20.7	16.3	17.0	16.4	17.4
Blue Ridge CC	597.0	16.8	8.1	24.9	26.2	24.3	26.9	26.3
Brunswick CC	251.5	11.3	5.4	16.7	15.7	16.1	9.2	16.9
Caldwell CC & TI	617.5	9.6	5.9	15.5	17.4	17.3	21.6	20.7
Cape Fear CC	1,020.0	18.5	5.8	24.3	21.9	24.5	24.3	25.0
Carteret CC	498.0	11.1	6.1	17.2	17.3	21.5	21.0	20.9
Catawba Vy. CC	1,184.5	15.3	7.9	23.2	21.3	20.3	18.2	20.0
C. Carolina CC	905.0	11.8	5.0	16.8	17.4	17.0	17.3	18.0
C. Piedmont CC	2,916.5	17.4	5.1	22.5	25.3	26.6	28.3	35.6
Cleveland CC	518.0	6.3	5.5	11.8	12.3	12.4	14.2	12.5
Coastal Car. CC	994.5	16.2	5.9	22.1	24.4	25.7	23.3	21.0
Col. Albemarle	458.0	11.6	3.6	15.2	14.0	15.9	15.1	12.9
Craven CC	795.0	15.9	6.1	22.0	19.0	24.6	27.5	29.3
Davidson Co. CC	508.0	10.5	5.4	15.9	16.8	15.8	15.5	13.6
Durham TCC	927.5	13.1	8.4	21.5	21.1	22.5	21.4	20.9
Edgecombe CC	528.5	10.5	4.6	15.1	13.3	12.7	12.1	7.7
Fayettev'le TCC	1,146.0	15.1	3.0	18.1	19.3	19.6	19.2	19.8
Forsyth TCC	1,356.5	14.5	7.0	21.5	21.2	20.5	19.9	18.8
Gaston Col.	860.5	9.8	4.6	14.4	11.4	11.1	12.5	13.7
Guilford TCC	1,674.0	10.7	5.3	16.0	19.4	17.5	17.3	20.2
Halifax CC	559.5	20.3	7.7	28.0	17.9	25.5	24.3	17.5
Haywood CC	1,184.0	15.8	3.6	19.4	16.9	21.2	22.3	20.1
Isothermal CC	701.0	12.5	7.0	19.5	17.7	17.9	22.0	19.6
J. Sprunt CC	496.0	19.2	2.3	21.5	20.9	16.1	16.9	19.2
Johnston CC	528.5	9.6	3.9	13.5	13.7	14.2	15.0	15.1
Lenoir CC	671.5	12.3	4.1	16.4	16.7	14.3	14.0	15.7

Average Weekly Room Hours of Instruction in Class Laboratories

Table 4

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1991	1990	1989	1988	1987
Community Colleges:								
Martin CC	449.0	11.6	4.4	16.0	17.6	15.4	18.2	17.0
Mayland CC	230.0	15.0	8.0	23.0	29.8	24.8	21.7	29.7
McDowell TCC	557.0	13.7	8.6	22.3	20.0	20.6	22.4	24.5
Mitchell CC	524.0	10.8	5.1	15.9	16.5	16.1	14.6	15.1
Montgomery CC	500.0	14.9	9.0	23.9	24.8	21.8	22.5	20.3
Nash CC	514.0	9.5	7.1	16.6	19.1	17.4	16.6	21.5
Pamlico CC	141.0	9.0	8.6	17.6	19.9	20.9	19.2	15.6
Piedmont CC	357.5	10.2	7.7	17.9	18.4	18.4	14.5	13.6
Pitt CC	933.0	17.0	3.7	20.7	20.7	29.8	27.4	25.8
Randolph CC	655.0	12.1	4.7	16.8	19.9	19.2	17.0	19.7
Richmond CC	393.5	9.7	6.1	15.8	14.4	14.0	14.7	16.3
Roanoke-Cho. CC	235.5	9.3	3.1	12.4	14.1	12.0	12.5	15.4
Robeson CC	625.5	10.4	7.0	17.4	16.4	16.3	12.4	17.6
Rockingham CC	736.0	12.4	5.6	18.0	15.2	16.7	15.8	16.2
Rowan-Cab. CC	665.5	10.4	6.7	17.1	19.0	18.3	18.5	20.4
Sampson CC	460.5	13.6	7.3	20.9	18.9	17.8	17.8	22.4
Sandhills CC	594.5	11.8	3.4	15.2	15.6	15.7	18.7	16.6
Southeastern CC	364.0	10.1	2.5	12.6	9.6	14.5	13.9	13.8
Southwestern CC	387.0	8.3	3.4	11.7	11.8	9.8	7.6	11.3
Stanly CC	381.0	13.9	4.3	18.2	20.4	16.7	17.4	17.6
Surry CC	738.5	17.0	6.9	23.9	23.7	23.8	26.0	28.7
Tri-County CC	262.0	7.0	6.2	13.2	12.7	15.2	16.6	15.9
Vance-Granv. CC	656.5	10.4	7.3	17.7	26.4	25.8	18.5	21.9
Wake TCC	1,229.5	19.7	5.4	25.1	23.1	22.4	20.9	21.1
Wayne CC	611.0	11.0	3.2	14.2	13.0	15.2	18.9	18.6
W. Piedmont CC	559.0	15.0	7.3	22.3	22.6	24.6	25.6	21.6
Wilkes CC	493.0	14.7	2.9	17.6	19.0	16.9	19.9	23.4
Wilson TCC	683.5	12.4	7.2	19.6	17.7	21.1	22.4	21.9
TOTAL	40,131.0	13.2	5.5	18.7	18.7	18.9	18.9	19.6

TABLE 5:

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS

Average weekly use of student stations in classrooms is calculated by dividing the total number of student clock hours generated in classrooms by the total number of student stations in classrooms. More generally, it can be thought of as the average number of hours each week that each classroom student station is used.

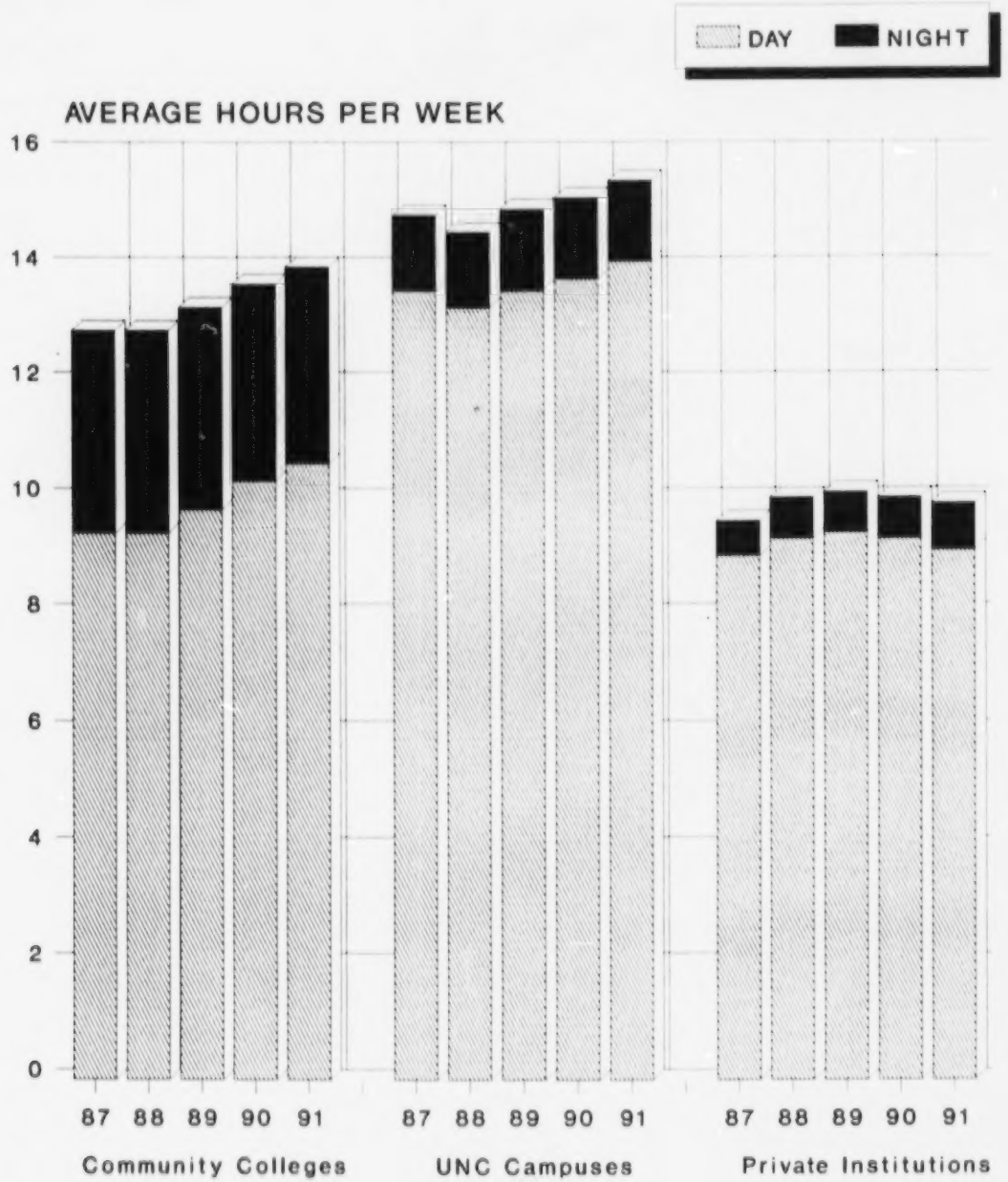
For the current year, Table 5 reports the total number of classroom student stations and breaks down the average weekly use figure into daytime and nighttime utilizations. (See page 24 for precise definitions of classrooms and of daytime and nighttime utilizations.) For purposes of comparison, this table also lists the average weekly use of student stations for the previous four years.

The average weekly use of student stations can serve as an indicator of the adequacy of the number of student stations in classrooms. A norm which has been frequently cited is 18 hours per week. This figure is based on the assumption that the average weekly use of classrooms is 30 hours (see Table 3) and that there is 60% utilization of student stations when classrooms are in use (Table 7). Most North Carolina colleges and universities fall considerably below this norm, suggesting a surplus of classroom student stations.

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS =

$$\frac{\text{TOTAL STUDENT CLOCK HOURS IN CLASSROOMS}}{\text{TOTAL STUDENT STATIONS IN CLASSROOMS}}$$

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS



Average Weekly Use of Student Stations in Classrooms

Table 5

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1991	1990	1989	1988	1987
Research Universities I:								
NC State	13,971	18.1	1.5	19.6	20.1	19.5	19.1	18.2
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	13,892	15.6	0.4	16.0	17.4	16.4	16.4	16.5
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	27,863	16.8	1.0	17.8	18.7	17.9	17.8	17.4
Doctoral Granting Universities II:								
UNC-Greensboro	6,763	15.4	1.6	17.0	17.6	16.0	16.4	14.9
Comprehensive I Universities:								
Appalachian	8,768	14.5	0.7	15.2	14.9	17.6	16.9	18.3
East Carolina	10,588	13.6	1.8	15.4	13.8	13.6	13.7	17.4
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	3,484	9.0	1.5	10.5	12.6	11.2	11.5	11.4
NC A & T	6,716	11.4	1.1	12.5	10.4	8.9	7.7	8.8
NC Central	6,202	7.8	1.5	9.3	9.8	9.3	8.1	7.9
UNC-Charlotte	6,456	19.8	3.5	23.3	20.9	20.7	19.6	18.5
UNC-Wilmington	3,977	21.4	2.2	23.6	19.3	19.6	20.4	21.9
West'n Carolina	4,615	12.8	1.3	14.1	12.9	12.1	13.3	11.8
SUBTOTAL	50,806	13.8	1.7	15.5	14.4	14.1	13.7	14.5
Comprehensive II Universities:								
Elizabeth City	2,425	7.6	0.7	8.3	8.2	10.6	10.5	11.0
Pembroke	2,850	9.5	0.9	10.4	10.0	10.8	9.4	8.2
UNC-Asheville	2,594	10.3	2.7	13.0	12.7	14.8	15.8	18.3
Winston-Salem	3,637	6.9	1.0	7.9	7.9	7.4	7.7	7.5
SUBTOTAL	11,506	8.5	1.3	9.8	9.6	10.3	10.1	10.0

Average Weekly Use of Student Stations in Classrooms

Table 5

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1991	1990	1989	1988	1987
Specialized Institution:								
NC Sch. of Arts	697	8.8	0.1	8.9	5.5	9.1	7.6	7.4
Community Colleges:								
SUBTOTAL	81,524	10.6	3.4	14.0	13.7	13.3	12.9	12.9
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	13,917	10.6	0.5	11.1	11.3	11.2	11.1	11.1
Gen. Baccalaureate Colleges:								
SUBTOTAL	44,597	8.8	0.9	9.7	9.7	9.8	9.7	9.2
Junior Colleges:								
SUBTOTAL	4,920	8.4	0.1	8.5	9.4	9.9	9.0	9.5
GRAND TOTAL	242,593	11.6	1.9	13.5	13.4	13.1	12.8	12.8

Average Weekly Use of Student Stations in Classrooms

Table 5

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1991	1990	1989	1988	1987
Community Colleges:								
Alamance CC	1,565	10.4	4.2	14.6	15.5	13.2	17.4	14.4
Anson CC	249	8.4	2.0	10.4	10.1	8.9	9.2	7.2
Ashev'le-Bun. TCC	3,199	8.8	3.3	12.1	12.7	12.5	8.9	10.7
Beaufort Co. CC	786	10.1	4.8	14.9	14.2	11.8	9.8	9.2
Bladen CC	433	8.7	2.5	11.2	13.1	11.8	8.5	7.9
Blue Ridge CC	993	9.7	4.4	14.1	14.1	12.6	12.2	15.0
Brunswick CC	753	10.1	2.0	12.1	12.1	10.6	6.8	11.7
Caldwell CC & TI	1,188	9.0	3.5	12.5	11.7	13.1	14.2	14.2
Cape Fear CC	893	18.8	6.2	25.0	24.6	29.6	26.8	27.7
Carteret CC	1,010	9.3	4.8	14.1	13.3	17.1	16.4	16.0
Catawba Vy. CC	1,586	13.2	5.5	18.7	16.6	13.7	12.6	13.5
C. Carolina CC	1,225	12.0	3.8	15.8	14.6	15.0	16.4	16.2
C. Piedmont CC	6,491	11.4	3.7	15.1	18.8	18.9	17.7	20.0
Cleveland CC	1,135	5.3	3.0	8.3	8.8	8.1	8.9	6.5
Coastal Car. CC	1,806	14.4	4.4	18.8	24.7	24.6	23.8	21.6
Col. Albemarle	1,090	10.5	3.0	13.5	13.1	12.6	10.7	9.9
Craven CC	1,539	9.1	2.1	11.2	11.4	14.7	12.2	15.6
Davidson Co. CC	1,469	11.2	2.7	13.9	10.7	11.6	10.2	8.5
Durham TCC	1,720	13.0	5.5	18.5	21.4	19.5	18.8	18.1
Edgecombe CC	1,098	9.2	2.4	11.6	7.3	7.0	7.6	4.0
Fayettev'le TCC	3,416	14.2	3.6	17.8	15.0	16.0	16.6	15.7
Forsyth TCC	3,123	9.1	3.9	13.0	13.5	13.3	13.5	11.0
Gaston Col.	2,691	11.2	3.4	14.6	12.2	11.4	11.4	10.6
Guilford TCC	4,510	11.4	3.8	15.2	15.8	15.1	14.7	13.8
Halifax CC	809	11.4	2.0	13.4	10.7	10.8	10.1	8.5
Haywood CC	882	8.9	2.3	11.2	11.6	12.7	13.2	9.8
Isothermal CC	1,131	8.4	3.1	11.5	11.0	8.9	9.5	10.1
J. Sprunt CC	650	8.9	2.3	11.2	10.2	9.8	9.9	9.2
Johnston CC	1,338	11.9	2.3	14.2	13.1	14.6	16.1	15.8
Lenoir CC	1,696	10.1	1.7	11.8	9.0	9.3	11.7	11.0

Average Weekly Use of Student Stations in Classrooms

Table 5

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1991	1990	1989	1988	1987
Community Colleges:								
Martin CC	490	8.3	1.9	10.2	8.0	6.9	6.5	6.7
Mayland CC	506	12.5	2.5	15.0	10.9	14.9	10.8	10.9
McDowell TCC	793	4.1	2.7	6.8	5.3	6.4	5.0	4.9
Mitchell CC	1,632	7.4	2.1	9.5	9.0	9.1	7.6	7.1
Montgomery CC	240	6.2	4.0	10.2	8.8	8.9	10.6	12.6
Nash CC	1,320	8.6	4.3	12.9	10.1	9.8	11.2	8.7
Pamlico CC	190	6.0	2.9	8.9	9.1	8.9	9.2	7.1
Piedmont CC	566	7.2	4.4	11.6	10.9	11.0	11.2	10.4
Pitt CC	1,278	19.6	4.3	23.9	22.5	22.2	20.7	18.9
Randolph CC	1,058	8.6	4.4	13.0	14.3	14.4	14.5	15.3
Richmond CC	929	9.6	3.6	13.2	10.6	9.5	10.3	11.1
Roanoke-Cho. CC	690	8.2	1.3	9.5	10.0	9.0	8.5	8.3
Robeson CC	986	11.4	4.7	16.1	11.6	10.2	6.8	9.8
Rockingham CC	1,534	10.1	2.9	13.0	11.5	10.1	10.1	13.0
Rowan-Cab. CC	2,285	6.7	4.0	10.7	10.9	12.1	10.4	10.4
Sampson CC	743	10.8	3.5	14.3	13.9	14.3	11.5	11.0
Sandhills CC	1,905	10.8	1.6	12.4	11.2	13.2	13.7	13.5
Southeastern CC	1,433	7.9	1.3	9.2	10.9	10.3	9.8	10.6
Southwestern CC	917	11.3	1.6	12.9	13.1	8.3	7.2	7.9
Stanly CC	901	8.2	2.8	11.0	10.7	10.1	9.9	7.9
Surry CC	936	16.6	5.0	21.6	21.9	18.9	15.9	17.0
Tri-County CC	765	4.3	3.6	7.9	9.8	6.4	8.2	10.4
Vance-Granv. CC	1,173	8.7	2.9	11.6	11.8	11.7	10.2	12.3
Wake TCC	2,847	13.2	2.3	15.5	16.6	15.2	14.1	19.2
Wayne CC	2,066	10.8	2.4	13.2	12.9	10.0	14.5	11.9
W. Piedmont CC	1,029	11.2	4.9	16.1	17.9	15.2	18.0	16.6
Wilkes CC	1,203	12.4	2.0	14.4	14.9	13.3	15.1	12.3
Wilson TCC	635	7.9	3.6	11.5	10.9	12.0	12.2	11.2
TOTAL	81,524	10.6	3.4	14.0	13.7	13.3	12.9	12.9

TABLE 6:

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES

Average weekly use of student stations in class laboratories is calculated by dividing the total number of student clock hours generated in class laboratories by the total number of student stations in class laboratories. More generally, it can be thought of as the average number of hours each week that each class lab student station is used.

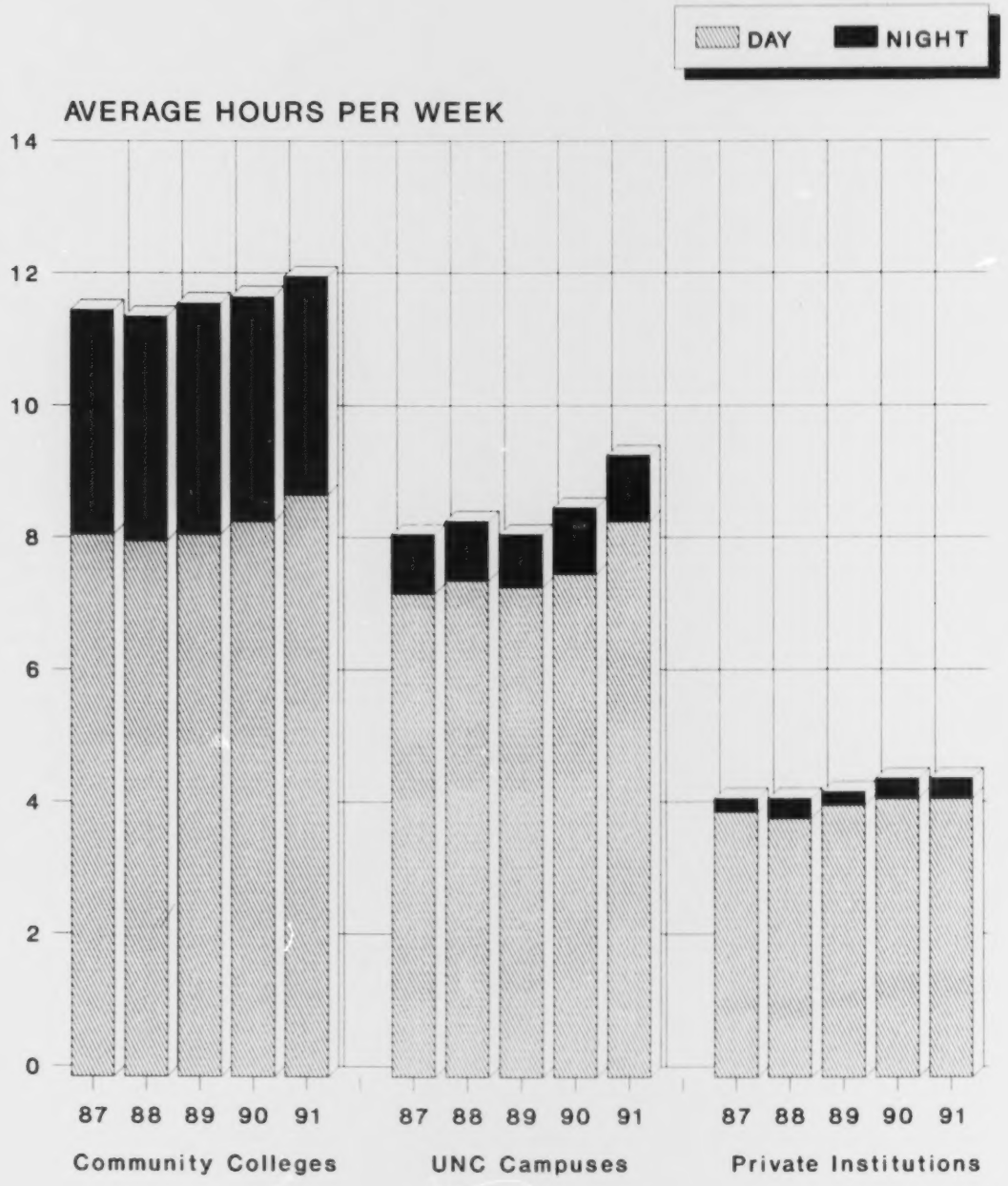
For the current year, Table 6 reports the total number of class lab student stations and breaks down the average weekly use figure into daytime and nighttime utilizations. (See page 30 for a discussion of what the term class laboratory includes and page 24 for precise definitions of daytime and nighttime utilizations.) For purposes of comparison, this table also lists the average weekly use of student stations for the previous four years.

The average weekly use of student stations can serve as an indicator of the adequacy of the number of stations in class laboratories. A norm which has been frequently cited is 16 hours. This figure is based on the assumption that the average weekly use of class labs is 20 hours (see Table 4) and that there is 80% utilization of student stations when class labs are in use (Table 7). Most North Carolina colleges and universities fall considerably below this norm. This fact suggests a surplus of class laboratory student stations but gives no indication whether this surplus exists for all types of class laboratories or is limited to the labs of certain academic disciplines.

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES =

$$\frac{\text{TOTAL STUDENT CLOCK HOURS IN CLASS LABORATORIES}}{\text{TOTAL STUDENT STATIONS IN CLASS LABORATORIES}}$$

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES



Average Weekly Use of Student Stations in Class Laboratories

Table 6

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1991	1990	1989	1988	1987
Research Universities I:								
NC State	5,224	10.0	1.0	11.0	8.9	9.0	9.9	9.4
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	2,684	9.5	1.7	11.2	9.8	9.3	11.7	11.5
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	7,908	9.8	1.2	11.0	9.2	9.1	10.5	10.0
Doctoral Granting Universities II:								
UNC-Greensboro	1,643	9.3	0.9	10.2	10.3	9.6	9.1	8.9
Comprehensive I Universities:								
Appalachian	2,323	9.4	0.6	10.0	10.4	10.8	10.3	8.3
East Carolina	3,085	8.8	1.2	10.0	9.1	9.7	9.6	10.4
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	1,124	5.0	1.2	6.2	7.6	5.5	5.8	5.8
NC A & T	2,347	6.3	0.7	7.0	6.1	3.5	4.1	3.6
NC Central	1,403	4.1	0.5	4.6	4.6	5.3	2.5	4.1
UNC-Charlotte	2,679	11.7	2.0	13.7	13.6	13.6	13.5	13.8
UNC-Wilmington	862	14.5	2.1	16.6	13.5	14.5	12.9	11.8
West'n Carolina	1,523	6.7	0.6	7.3	5.9	5.2	5.3	4.9
SUBTOTAL	15,346	8.4	1.1	9.5	9.1	8.2	8.0	7.8
Comprehensive II Universities:								
Elizabeth City	1,119	5.1	0.9	6.0	5.7	5.5	6.5	5.7
Pembroke	791	4.1	0.0	4.1	5.0	6.3	5.6	6.2
UNC-Asheville	936	4.7	0.7	5.4	4.6	5.2	4.8	4.8
Winston-Salem	631	4.6	0.7	5.3	5.3	4.1	3.6	4.2
SUBTOTAL	3,477	4.7	0.6	5.3	5.2	5.2	5.1	5.2

Average Weekly Use of Student Stations in Class Laboratories

Table 6

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1991	1990	1989	1988	1987
Specialized Institution:								
NC Sch. of Arts	957	9.1	0.3	9.4	7.0	9.1	10.1	8.8
Community Colleges:								
SUBTOTAL	49,471	8.8	3.3	12.1	11.8	11.7	11.5	11.6
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	2,503	4.7	0.2	4.9	4.1	4.0	5.6	5.3
Gen. Baccalaureate Colleges:								
SUBTOTAL	13,052	4.2	0.3	4.5	4.6	4.5	4.1	3.9
Junior Colleges:								
SUBTOTAL	2,070	3.6	0.1	3.7	4.3	3.9	4.2	5.1
GRAND TOTAL	96,427	7.8	2.1	9.9	9.5	9.2	9.2	9.1

Average Weekly Use of Student Stations in Class Laboratories

Table 6

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1991	1990	1989	1988	1987
Community Colleges:								
Alamance CC	1,076	11.5	4.1	15.6	12.9	12.0	13.9	12.6
Anson CC	367	6.4	3.1	9.5	9.7	8.8	8.2	8.4
Ashev'le-Bun. TCC	1,189	7.2	3.6	10.8	11.2	10.8	10.9	12.0
Beaufort Co. CC	483	10.1	3.8	13.9	13.5	9.4	8.5	7.8
Bladen CC	431	9.0	3.6	12.6	9.4	8.4	9.7	9.4
Blue Ridge CC	607	8.7	4.5	13.2	13.5	11.9	12.4	11.7
Brunswick CC	295	8.7	2.6	11.3	10.2	9.9	6.5	9.0
Caldwell CC & TI	684	9.2	4.0	13.2	11.4	11.5	14.2	13.8
Cape Fear CC	905	14.1	4.5	18.6	18.7	19.2	20.6	20.2
Carteret CC	659	6.4	3.6	10.0	10.4	11.3	11.6	13.1
Catawba Vy. CC	1,154	11.2	5.1	16.3	15.5	13.1	12.0	12.9
C. Carolina CC	1,108	8.2	2.9	11.1	11.4	10.9	11.0	11.6
C. Piedmont CC	3,375	11.2	3.4	14.6	15.5	17.9	16.3	18.4
Cleveland CC	970	3.3	3.5	6.8	7.6	7.6	7.8	6.9
Coastal Car. CC	1,006	11.4	3.7	15.1	16.1	17.1	14.6	13.4
Col. Albemarle	743	6.9	2.0	8.9	8.4	8.6	8.2	7.6
Craven CC	897	11.1	3.2	14.3	10.7	13.9	15.6	16.7
Davidson Co. CC	750	7.4	3.0	10.4	10.3	10.0	9.1	7.3
Durham TCC	998	8.6	5.4	14.0	14.1	14.1	15.1	15.3
Edgecombe CC	677	7.6	2.9	10.5	8.1	7.1	6.7	3.6
Fayettev'le TCC	1,601	9.7	1.7	11.4	10.9	11.7	12.0	11.6
Forsyth TCC	1,495	9.7	4.5	14.2	13.7	13.9	12.6	12.1
Gaston Col.	1,554	6.3	2.9	9.2	7.6	7.5	8.2	7.8
Guilford TCC	2,388	8.3	3.8	12.1	14.3	12.8	12.5	15.3
Halifax CC	561	8.7	2.6	11.3	7.7	10.0	10.1	6.3
Haywood CC	1,278	10.4	2.6	13.0	11.2	12.7	13.5	12.9
Isothermal CC	820	8.1	4.1	12.2	11.0	11.3	13.8	11.6
J. Sprunt CC	493	10.7	1.6	12.3	9.6	9.1	8.5	8.6
Johnston CC	1,042	6.5	1.7	8.2	9.1	8.8	9.5	9.2
Lenoir CC	899	9.5	2.9	12.4	10.8	10.2	9.9	10.8

Table 6

Average Weekly Use of Student Stations in Class Laboratories

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1991	1990	1989	1988	1987
Community Colleges:								
Martin CC	714	7.3	2.6	9.9	10.3	7.2	7.4	8.6
Mayland CC	225	9.7	3.9	13.6	14.8	11.7	13.2	12.4
McDowell TCC	581	10.2	5.1	15.3	12.1	11.0	11.5	11.4
Mitchell CC	828	7.5	2.7	10.2	8.9	9.3	10.3	8.3
Montgomery CC	358	8.1	5.7	13.8	15.6	13.2	13.7	12.3
Nash CC	519	9.2	4.7	13.9	17.5	13.3	12.7	14.8
Pamlico CC	121	5.4	4.1	9.5	10.5	12.3	12.2	9.2
Piedmont CC	466	5.1	3.7	8.8	8.6	8.9	8.6	8.3
Pitt CC	825	13.5	2.8	16.3	15.0	15.3	15.8	15.0
Randolph CC	817	9.1	2.6	11.7	13.7	14.2	13.0	13.7
Richmond CC	488	6.4	3.9	10.3	8.9	10.3	8.3	10.6
Roanoke-Cho. CC	443	5.2	1.2	6.4	7.4	6.8	7.0	7.1
Robeson CC	1,087	5.3	2.8	8.1	9.0	8.1	6.5	8.5
Rockingham CC	957	6.9	3.3	10.2	8.5	9.1	8.3	10.3
Rowan-Cab. CC	947	6.8	4.3	11.1	11.8	11.3	11.2	11.1
Sampson CC	596	7.1	2.9	10.0	10.2	8.3	8.5	9.4
Sandhills CC	963	7.6	2.0	9.6	9.3	9.4	11.5	9.5
Southeastern CC	787	6.5	1.4	7.9	6.1	9.1	7.8	7.7
Southwestern CC	589	7.2	2.3	9.5	8.5	5.7	4.3	6.7
Stanly CC	609	6.9	1.6	8.5	8.9	7.1	6.6	7.5
Surry CC	746	12.8	5.2	18.0	16.1	15.6	17.3	17.6
Tri-County CC	361	5.5	4.5	10.0	9.0	10.1	10.1	8.3
Vance-Granv. CC	907	7.7	3.7	11.4	17.4	15.2	10.8	11.6
Wake TCC	914	14.4	4.6	19.0	17.1	16.8	15.2	15.1
Wayne CC	1,057	8.7	1.9	10.6	9.1	9.9	12.6	11.3
W. Piedmont CC	577	11.0	4.0	15.0	15.4	17.6	16.5	13.8
Wilkes CC	702	8.7	1.2	9.9	9.6	9.5	11.4	11.8
Wilson TCC	782	6.6	4.5	11.1	10.5	11.1	11.4	10.6
TOTAL	49,471	8.8	3.3	12.1	11.8	11.7	11.5	11.6

TABLE 7:

PERCENT STUDENT STATION UTILIZATION, CLASSROOMS AND CLASS LABORATORIES

Percent student station utilization indicates the average percentage of student stations that are occupied when classrooms or class laboratories are in use. It is calculated by dividing the student clock hours generated in classrooms (or class labs) by the potential student clock hours for classrooms (or class labs) and multiplying by 100 to convert to a percentage. Potential student clock hours is computed on a room-by-room basis by multiplying the number of student stations in each room by the room hours of instruction generated by the room (Tables 3 and 4). It indicates the number of student clock hours which would be generated if every room were filled to capacity (i.e., if the number of students equalled the number of stations) each time a course met in the room.

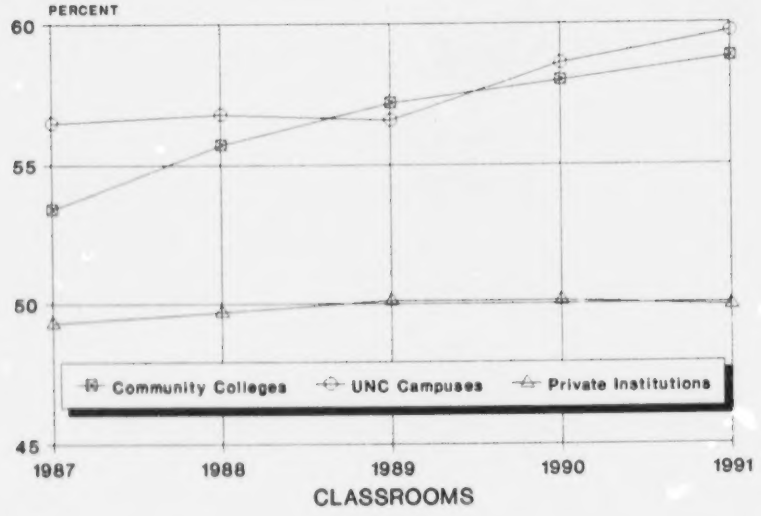
It is important to keep in mind that the percent student station utilization assesses the utilization of rooms only when they are in use. This figure is therefore a helpful indicator of how close to capacity an institution's courses are to the rooms in which they are scheduled. It does not, however, indicate the over-all efficiency of utilization since it does not take into account how frequently a room is used.

Frequently cited norms for percent student station utilization are 60% for classrooms and 80% for class laboratories. The higher percentage for class labs reflects the assumption that these rooms, although used less frequently than classrooms because of their specialized equipment, are usually closer to being filled to capacity when they are in use. Data for North Carolina colleges and universities, however, indicate that the percent student station utilization in class labs is not significantly higher than in classrooms. For both types of rooms, the average percentage is usually less than 60%.

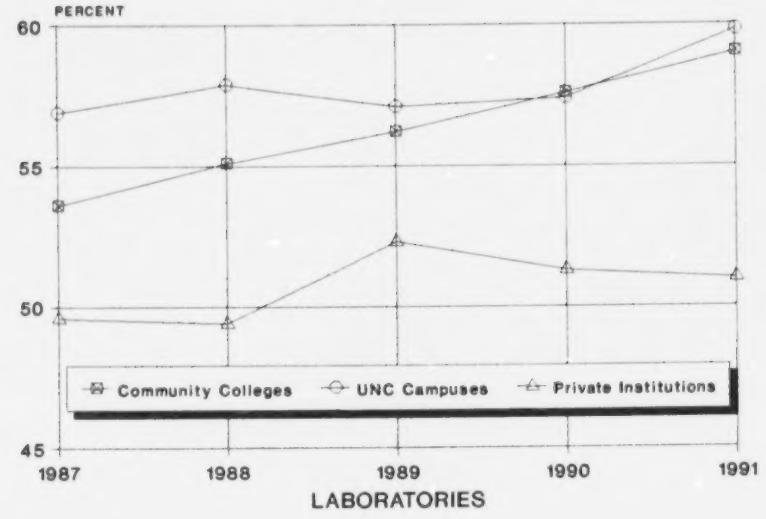
PERCENT STUDENT STATION UTILIZATION IN CLASSROOMS (OR CLASS LABS) =

$$\frac{\text{STUDENT CLOCK HOURS IN CLASSROOMS (OR CLASS LABS)}}{\text{POTENTIAL STUDENT CLOCK HOURS IN CLASSROOMS (OR CLASS LABS)}}$$

PERCENT STUDENT STATION UTILIZATION, CLASSROOMS AND CLASS LABORATORIES



CLASSROOMS



LABORATORIES

Table 7

Percent Student Station Utilization, Classrooms and Class Laboratories

INSTITUTION	Classrooms					Laboratories				
	1991	1990	1989	1988	1987	1991	1990	1989	1988	1987
Research Universities I:										
NC State	63.2	62.6	60.5	58.9	55.8	75.8	73.3	71.4	70.1	69.5
NC State Vet.	-	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	62.0	64.5	58.7	60.5	60.7	59.0	54.4	48.0	61.3	58.7
UNC-Health Aff.	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	62.7	63.5	59.7	59.7	57.9	69.0	64.7	60.8	66.7	65.3
Doctoral Granting Universities II:										
UNC-Greensboro	61.3	63.6	61.0	62.9	58.1	53.6	58.5	58.0	54.6	51.2
Comprehensive I Universities:										
Appalachian	58.1	58.1	58.5	57.7	57.9	59.0	62.3	61.8	60.4	54.8
East Carolina	58.2	56.2	54.7	58.1	59.4	58.4	53.0	56.1	62.6	61.3
ECU-Health Aff.	-	-	-	-	-	-	-	-	-	-
Fayetteville	49.7	50.7	49.1	45.0	44.1	54.8	54.6	50.7	47.4	46.9
NC A & T	64.9	53.3	50.8	49.7	57.6	50.2	40.4	45.7	44.7	40.8
NC Central	53.0	54.4	55.7	49.4	51.5	57.6	63.3	69.4	52.5	58.8
UNC-Charlotte	66.8	59.9	57.4	58.2	58.0	63.6	62.6	59.9	63.9	65.1
UNC-Wilmington	65.9	58.0	60.2	59.8	60.9	69.6	59.9	66.6	65.3	62.4
West'n Carolina	57.6	56.7	50.4	52.1	52.9	41.9	40.4	38.4	37.7	40.0
SUBTOTAL	60.2	56.8	55.5	55.5	56.9	57.6	54.8	56.3	56.8	55.5
Comprehensive II Universities:										
Elizabeth City	44.4	45.6	48.2	49.8	48.2	43.5	49.1	39.3	40.2	44.8
Pembroke	50.4	50.1	54.5	55.6	53.6	57.3	57.3	61.8	48.7	50.3
UNC-Asheville	49.2	51.7	44.7	44.9	45.0	51.5	51.8	57.3	44.5	46.5
Winston-Salem	41.7	43.8	44.4	46.9	44.3	45.9	52.2	48.7	43.4	40.8
SUBTOTAL	46.5	48.0	47.7	48.9	47.2	48.0	51.9	50.3	43.9	45.9

Table 7

Percent Student Station Utilization, Classrooms and Class Laboratories

INSTITUTION	Classrooms					Laboratories				
	1991	1990	1989	1988	1987	1991	1990	1989	1988	1987
Specialized Institution:										
NC Sch. of Arts	55.2	58.4	53.4	50.8	53.8	62.9	60.9	54.9	56.1	53.8
Community Colleges:										
SUBTOTAL	58.8	58.0	57.2	55.7	53.4	59.0	57.6	56.2	55.1	53.6
PRIVATE INSTITUTIONS										
Major Research Universities:										
SUBTOTAL	52.2	50.3	50.5	51.5	50.0	65.6	71.8	65.9	56.3	66.6
Gen. Baccalaureate Colleges:										
SUBTOTAL	48.9	49.4	49.1	48.2	48.0	49.2	49.1	51.3	48.5	46.1
Junior Colleges:										
SUBTOTAL	52.7	58.1	60.3	59.4	58.7	46.9	49.8	47.4	51.0	53.1
GRAND TOTAL	57.3	56.5	55.3	54.8	53.9	58.5	57.0	56.1	55.4	54.1

Table 7

Percent Student Station Utilization, Classrooms and Class Laboratories

INSTITUTION	Classrooms					Laboratories				
	1991	1990	1989	1988	1987	1991	1990	1989	1988	1987
Community Colleges:										
Alamance CC	44.7	50.2	47.0	46.2	44.9	55.3	49.3	47.1	47.4	47.1
Anson CC	49.4	43.8	45.7	45.7	49.7	45.2	40.7	38.2	34.7	39.6
Ashev'le-Bun. TCC	57.5	62.6	57.3	57.8	54.5	56.7	59.2	62.7	63.4	61.7
Beaufort Co. CC	51.7	54.8	51.3	46.1	44.5	61.0	58.7	50.6	44.4	44.0
Bladen CC	50.6	53.0	61.5	63.1	66.1	56.4	53.6	47.4	59.9	54.2
Blue Ridge CC	49.8	60.7	63.6	57.6	55.5	50.9	49.6	46.9	45.2	43.2
Brunswick CC	57.2	52.0	58.3	48.6	52.9	61.1	62.6	57.5	61.2	50.9
Caldwell CC & TI	53.7	52.0	58.9	54.2	56.8	63.8	54.0	54.1	58.5	60.7
Cape Fear CC	73.5	70.4	90.0	87.3	79.5	72.5	80.1	74.5	81.7	77.3
Carteret CC	59.1	55.0	62.2	60.0	59.3	59.1	61.1	52.3	56.0	62.5
Catawba Vy. CC	63.6	61.8	59.1	64.7	66.9	68.0	69.2	62.5	65.5	61.3
C. Carolina CC	55.5	55.5	52.6	55.9	55.5	58.6	57.7	56.9	55.1	55.9
C. Piedmont CC	62.6	62.3	65.1	56.9	58.2	51.0	51.9	54.3	44.0	44.6
Cleveland CC	49.3	50.2	48.5	49.6	39.6	53.1	55.2	54.8	50.4	51.6
Coastal Car. CC	64.1	69.1	68.8	65.0	63.3	65.5	61.6	63.5	60.8	60.1
Col. Albemarle	54.8	59.2	56.9	50.8	44.0	52.9	54.4	49.1	51.4	53.9
Craven CC	56.7	53.4	49.0	48.3	53.5	57.1	52.6	54.0	55.5	53.6
Davidson Co. CC	58.7	52.9	54.9	51.2	47.9	60.8	57.5	57.9	54.9	47.0
Durham TCC	62.8	63.8	62.5	61.1	56.8	58.8	58.5	57.3	64.9	64.9
Edgecombe CC	65.9	51.4	43.8	46.9	43.6	63.4	54.2	45.9	43.7	36.7
Fayettev'le TCC	54.1	46.1	48.3	53.5	50.8	58.0	52.5	55.9	58.2	54.6
Forsyth TCC	62.9	61.0	58.7	55.2	57.2	67.9	64.9	66.8	64.1	66.0
Gaston Col.	59.4	64.1	58.6	58.5	53.1	63.4	60.7	62.1	60.1	51.7
Guilford TCC	67.9	67.1	62.4	60.2	56.3	69.2	68.1	66.6	65.5	69.1
Halifax CC	54.2	52.4	48.5	46.3	45.2	39.6	41.1	38.1	41.1	36.0
Haywood CC	50.4	50.8	52.3	53.1	49.0	59.7	60.3	57.1	56.3	60.2
Isothermal CC	55.6	51.5	55.3	52.4	39.4	56.2	51.3	51.3	53.9	44.0
J. Sprunt CC	72.3	58.3	56.7	53.5	39.5	52.1	41.2	45.7	39.9	37.9
Johnston CC	62.0	58.4	57.1	61.1	52.8	54.2	55.3	54.5	54.4	54.7
Lenoir CC	61.1	50.0	58.5	60.9	58.2	58.8	50.9	55.2	57.8	55.8

Table 7

Percent Student Station Utilization, Classrooms and Class Laboratories

INSTITUTION	Classrooms					Laboratories				
	1991	1990	1989	1988	1987	1991	1990	1989	1988	1987
Community Colleges:										
Martin CC	54.5	45.4	49.6	45.1	42.3	55.2	54.7	44.4	39.4	49.8
Mayland CC	58.4	52.0	57.1	39.8	36.8	63.2	54.2	49.0	61.9	40.4
McDowell TCC	34.4	46.7	45.4	40.4	40.6	65.5	56.5	50.6	48.5	42.4
Mitchell CC	59.2	57.1	56.5	57.0	54.7	56.4	49.4	52.1	63.5	49.9
Montgomery CC	52.0	48.5	45.3	47.7	61.7	57.5	60.9	56.1	55.6	58.4
Nash CC	61.4	53.6	52.1	52.8	49.2	75.3	83.9	68.8	70.8	60.0
Pamlico CC	34.1	38.4	38.4	52.6	44.5	46.5	46.7	50.4	51.3	48.0
Piedmont CC	70.8	72.7	66.5	73.6	61.4	49.4	46.8	47.8	54.2	51.3
Pitt CC	70.6	68.2	60.8	56.2	53.7	65.5	61.3	48.0	52.6	53.8
Randolph CC	72.1	67.3	74.8	72.4	71.6	66.8	65.3	70.1	71.9	67.4
Richmond CC	62.9	60.2	59.1	53.7	55.7	62.7	59.5	66.3	49.6	57.3
Roanoke-Cho. CC	51.0	56.6	47.2	53.4	50.6	48.4	48.8	54.7	55.4	49.3
Robeson CC	62.8	55.7	54.2	54.4	49.4	48.4	54.0	50.6	51.0	44.4
Rockingham CC	55.8	53.1	53.6	56.6	51.2	46.1	48.8	47.5	45.6	53.7
Rowan-Cab. CC	49.9	49.9	50.5	46.5	44.9	62.6	61.3	59.5	59.5	53.8
Sampson CC	57.8	56.2	53.0	51.4	43.4	45.5	51.8	52.0	48.7	43.4
Sandhills CC	57.4	53.6	58.3	54.2	52.4	62.0	56.7	53.8	58.7	52.3
Southeastern CC	61.6	62.0	63.4	53.6	60.6	58.7	62.2	62.7	55.0	53.6
Southwestern CC	62.8	57.2	44.4	47.1	43.9	72.2	68.5	59.7	52.8	58.0
Stanly CC	46.6	48.8	44.2	42.8	44.8	45.8	42.2	40.4	33.7	38.2
Surry CC	70.7	71.6	68.0	66.6	62.7	72.1	66.2	63.1	65.8	63.3
Tri-County CC	47.6	52.2	46.7	51.5	46.4	68.6	64.2	60.9	54.5	48.7
Vance-Granv. CC	52.3	49.6	53.5	44.5	48.6	59.7	63.0	56.3	53.2	51.2
Wake TCC	57.8	59.8	57.7	55.2	57.7	70.4	67.2	67.8	66.5	67.0
Wayne CC	59.5	56.1	48.2	55.5	47.9	68.2	62.9	60.0	61.4	53.2
W. Piedmont CC	59.8	61.4	60.7	57.5	57.0	63.1	63.5	65.4	60.0	57.6
Wilkes CC	51.9	53.9	54.2	59.7	47.3	53.9	49.2	54.9	51.8	45.2
Wilson TCC	56.0	55.4	55.6	57.1	58.8	51.0	52.1	46.5	44.2	43.9
TOTAL	58.8	58.0	57.2	55.7	53.4	59.0	57.6	56.2	55.1	53.6

TABLE 8:

STUDENT CLOCK HOURS OF INSTRUCTION

This table indicates the weekly student clock hours of instruction being conducted at the end of the fall drop-add period. Student clock hours are computed by multiplying for each course the number of hours that the course meets each week by the number of students enrolled. (To compute the number of hours that the course meets each week, the class length is rounded to the nearest half hour and multiplied by the number of times the class meets weekly.) The data reflect both credit and non-credit courses which were at least eight weeks in duration.

The columns headed "Laboratories" reflect instruction conducted only in class laboratories (room code 210). A precise definition of class laboratory is provided on page 30. The columns headed "Other" reflect instruction in rooms coded other than 110 and 210 (e.g., other types of laboratories, physical education facilities, offices). An outline of the room code structure is presented on page 118.

The number of clock hours conducted in a particular category of space is a function of the number of students enrolled, the nature of the instructional programs being pursued by the students, and the instructional philosophy of the institution. As a result, the number of student clock hours generated per FTE student varies by type of institution:

INSTITUTIONAL GROUP	STUDENT CLOCK HR./FTE
By Control:	
University of North Carolina	15
Private Institutions	14
Community/Technical Colleges	19
By Level:	
Major Research Universities	15
Other Baccalaureate-Granting Institutions	15
Two-year Institutions	19
All North Carolina Institutions	16

Table 8

Student Clock Hours of Instruction

INSTITUTION	1991			1990			1989		
	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other
Research Universities I:									
NC State	274,115.5	57,400.0	20,037.5	278,032.0	44,386.5	23,864.0	269,365.5	45,953.5	16,972.5
NC State Vet.	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	222,389.5	29,994.0	10,234.0	236,928.5	27,836.0	11,694.0	226,200.5	25,767.0	11,507.5
UNC-Health Aff.	-	-	-	-	-	-	-	-	-
SUBTOTAL	496,505.0	87,394.0	30,271.5	514,960.5	72,222.5	35,558.0	495,566.0	71,720.5	28,480.0
Doctoral Granting Universities II:									
UNC-Greensboro	115,047.5	16,724.5	12,521.0	115,974.5	16,703.5	13,837.5	112,708.0	19,971.5	11,818.0
Comprehensive I Universities:									
Appalachian	133,476.5	23,362.0	3,502.5	133,472.0	24,186.0	2,671.0	126,152.5	23,939.5	7,529.5
East Carolina	162,900.0	30,934.5	13,081.0	151,524.5	30,663.5	8,920.0	152,248.5	31,348.0	11,872.5
ECU-Health Aff.	-	-	-	-	-	-	-	-	-
Fayetteville	36,617.0	6,981.0	3,757.0	29,362.0	9,219.0	4,351.0	26,202.0	6,621.0	3,749.5
NC A & T	83,830.0	16,440.5	6,849.5	67,738.5	14,630.0	4,352.0	63,651.0	14,197.5	6,623.5
NC Central	57,637.0	6,449.5	4,821.0	60,515.5	6,152.5	5,009.5	56,645.5	6,895.5	5,419.5
UNC-Charlotte	150,554.5	36,945.0	5,876.5	143,398.0	37,246.5	5,027.0	129,450.0	35,036.0	6,552.0
UNC-Wilmington	93,733.5	14,255.0	3,689.0	80,934.5	12,296.0	4,018.0	81,923.0	12,646.0	4,066.5
West'n Carolina	65,032.5	11,203.5	11,453.5	59,644.0	8,604.0	6,882.0	58,136.0	7,500.0	13,194.0
SUBTOTAL	783,781.0	146,571.0	53,030.0	726,589.0	142,997.5	41,230.5	694,408.5	138,183.5	59,007.0
Comprehensive II Universities:									
Elizabeth City	20,160.0	6,719.5	2,902.5	20,102.5	6,379.0	3,032.5	21,100.0	4,423.5	2,470.0
Pembroke	29,405.5	3,243.0	3,042.0	30,030.0	3,723.5	2,673.0	29,700.0	3,636.5	3,292.5
UNC-Asheville	33,693.5	5,029.0	2,556.5	33,843.0	4,754.0	2,708.0	29,342.5	5,280.5	4,649.0
Winston-Salem	28,777.5	3,341.0	4,917.5	28,523.5	3,464.0	3,248.5	26,673.5	2,773.0	3,777.0
SUBTOTAL	112,036.5	18,332.5	13,418.5	112,499.0	18,320.5	11,662.0	106,816.0	16,113.5	14,188.5
Specialized Institution:									
NC Sch. of Arts	6,216.0	8,962.5	1,406.5	5,770.5	8,006.0	2,438.5	6,623.0	10,334.0	1,494.5
Community Colleges:									
SUBTOTAL	1,139,114.0	598,285.5	127,585.5	1,056,260.0	561,565.0	138,219.5	982,293.0	550,021.0	112,244.5
				PRIVATE INSTITUTIONS					
Major Research Universities:									
SUBTOTAL	154,845.0	12,359.0	24,866.5	158,908.5	9,936.5	20,059.0	158,231.0	9,686.0	16,450.5
Gen. Baccalaureate Colleges:									
SUBTOTAL	431,473.5	59,139.5	40,756.5	428,874.5	59,864.5	40,349.5	431,353.5	57,786.5	36,114.0
Junior Colleges:									
SUBTOTAL	41,712.0	7,653.0	3,837.5	45,584.0	8,621.0	4,669.5	50,546.0	8,169.0	5,852.0
GRAND TOTAL	3,280,730.5	955,421.5	307,693.5	3,165,420.5	898,237.0	308,024.0	3,038,545.0	881,985.5	285,649.0

Table 8

Student Clock Hours of Instruction

INSTITUTION	1991			1990			1989		
	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other
Community Colleges:									
Alamance CC	22,896.5	16,799.5	3,093.5	24,421.0	13,892.5	2,153.0	21,342.5	12,696.5	3,135.0
Anson CC	2,573.5	3,474.0	1,950.0	3,029.5	2,994.0	1,170.0	2,389.0	3,078.0	822.0
Ashev'le-Bun. TCC	38,507.5	12,912.5	2,503.0	38,498.5	11,840.0	3,831.0	30,043.0	10,529.0	1,223.5
Beaufort Co. CC	11,681.0	6,706.0	1,752.0	11,042.5	6,508.5	566.5	9,706.5	5,817.0	48.0
Bladen CC	4,843.5	5,425.5	0.0	5,542.5	4,300.5	438.0	4,966.5	4,150.0	586.0
Blue Ridge CC	14,095.5	8,009.0	290.0	13,644.5	7,789.0	351.0	10,683.5	6,862.0	300.0
Brunswick CC	9,124.0	3,309.0	1,205.0	9,137.0	3,029.0	776.0	8,231.0	2,921.0	634.0
Caldwell CC & TI	14,815.5	9,007.5	1,215.0	12,634.5	7,996.5	3,453.0	12,734.5	8,317.0	1,241.5
Cape Fear CC	22,363.0	16,878.0	2,353.0	21,929.5	16,985.0	2,856.0	20,533.0	15,904.0	1,883.0
Carteret CC	14,287.5	6,582.0	116.0	13,211.0	7,286.0	703.0	13,313.0	7,622.5	210.0
Catawba Vy. CC	29,663.0	18,857.0	6,906.5	26,358.0	17,261.0	2,780.0	23,514.5	14,845.0	1,756.0
C. Carolina CC	19,427.5	12,314.0	1,366.0	14,576.5	10,706.0	1,292.5	15,494.5	9,955.5	2,417.0
C. Piedmont CC	98,313.5	49,347.5	14,077.0	108,000.0	49,273.0	17,397.0	97,122.0	51,115.5	9,772.5
Cleveland CC	9,471.0	6,630.5	2,184.0	10,238.0	7,142.5	2,564.0	9,826.0	7,165.0	1,342.0
Coastal Car. CC	33,963.0	15,164.0	1,498.0	30,427.5	15,126.0	2,620.0	30,312.0	15,783.5	2,657.0
Col. Albemarle	14,792.5	6,587.5	4,735.5	14,302.0	6,491.5	4,624.5	13,417.5	6,625.5	5,510.5
Craven CC	17,282.0	12,789.0	5,322.0	15,784.5	9,814.0	3,382.0	15,746.0	9,993.0	5,470.0
Davidson Co. CC	20,491.0	7,794.5	1,263.0	16,883.5	8,215.0	933.5	18,293.0	7,960.0	916.0
Durham TCC	31,789.0	14,041.5	4,601.0	31,529.5	14,049.5	4,822.0	31,700.0	13,994.5	885.5
Edgecombe CC	12,713.5	7,065.0	12.0	8,863.0	5,776.0	406.0	7,011.0	5,147.5	464.0
Fayettev'le TCC	60,647.0	18,204.0	4,119.0	42,382.0	16,608.0	701.0	47,753.5	14,703.0	844.0
Forsyth TCC	40,763.0	21,263.5	3,376.0	38,170.0	18,224.0	4,465.0	36,703.0	19,796.0	5,756.5
Gaston Col.	39,165.0	14,286.5	2,133.0	29,621.5	9,798.5	8,858.0	27,164.0	9,221.5	3,701.0
Guilford TCC	68,777.0	28,940.5	2,352.0	66,902.0	30,853.5	2,082.0	62,248.0	28,313.0	2,590.5
Halifax CC	10,852.0	6,372.0	3,462.0	8,830.5	3,852.0	4,630.0	7,772.0	5,024.0	4,055.0
Haywood CC	9,847.5	16,561.5	1,397.5	9,488.5	13,837.0	1,091.0	8,630.0	16,548.0	649.0
Isothermal CC	13,052.5	9,969.5	4,587.0	15,057.0	9,395.0	3,511.5	12,130.5	8,828.0	4,940.0
J. Sprunt CC	7,284.5	6,059.5	1,635.0	6,632.5	4,747.0	743.0	6,811.0	4,351.5	401.0
Johnston CC	18,982.0	8,521.5	1,041.0	17,200.5	7,454.0	1,122.0	16,055.0	7,190.5	537.0
Lenoir CC	19,959.0	11,129.0	3,826.5	14,608.0	9,485.5	6,168.5	15,530.5	9,023.0	1,389.5
Martin CC	5,013.5	7,086.5	1,484.0	4,354.0	7,340.0	2,279.0	4,403.5	4,657.0	3,917.0
Mayland CC	7,621.5	3,059.5	183.0	5,525.5	3,192.0	1,551.0	6,253.0	2,517.5	1,520.0
McDowell TCC	5,363.5	8,848.5	705.5	3,641.0	6,848.5	470.5	4,303.5	6,235.5	511.0
Mitchell CC	15,553.5	8,512.0	2,256.5	14,711.5	7,508.5	3,141.0	14,538.0	7,547.5	3,476.0
Montgomery CC	2,440.0	4,956.0	552.0	2,253.0	5,111.0	710.0	2,140.5	4,588.5	297.0
Nash CC	17,101.5	7,223.0	102.0	13,558.5	9,067.0	30.0	12,758.0	7,326.5	849.0
Pamlico CC	1,681.5	1,145.0	18.0	1,731.0	1,269.0	30.0	1,698.0	1,487.0	96.0
Piedmont CC	6,547.0	4,107.5	859.0	5,544.0	3,677.0	508.0	5,524.5	3,829.0	83.5
Pitt CC	30,612.0	13,422.0	4,922.0	30,087.0	13,219.5	4,056.0	25,833.5	11,844.5	3,353.0
Randolph CC	13,721.0	9,513.5	1,822.0	12,462.5	9,919.0	1,771.5	12,535.5	10,374.5	1,528.5
Richmond CC	12,247.0	5,046.5	1,837.0	9,407.0	4,768.5	1,419.0	8,495.5	5,106.0	1,063.0
Roanoke-Cho. CC	6,528.5	2,839.5	1,489.5	6,863.5	3,264.0	1,167.0	6,403.5	3,110.0	1,154.0
Robeson CC	15,837.5	8,789.5	1,045.5	11,518.0	9,732.5	814.0	10,416.5	8,103.0	1,722.0
Rockingham CC	19,868.5	9,776.0	832.0	17,656.5	8,195.0	435.0	16,323.5	8,354.0	705.5
Rowan-Cab. CC	24,458.5	10,513.0	1,653.0	20,769.5	10,274.5	479.0	21,351.0	10,089.0	814.0
Sampson CC	10,589.5	5,977.5	626.5	10,119.5	5,880.5	720.0	9,444.0	4,590.5	1,255.0
Sandhills CC	23,723.0	9,263.0	3,151.0	22,147.0	8,855.5	3,155.0	20,707.5	9,534.5	1,782.5
Southeastern CC	13,270.5	6,205.0	1,303.0	13,186.0	4,992.0	5,742.0	12,484.5	7,231.5	1,878.0
Southwestern CC	11,901.0	5,624.0	1,609.5	11,979.0	4,826.5	2,747.0	9,500.0	4,973.0	2,162.0
Stanly CC	9,921.0	5,182.0	842.0	8,983.0	5,620.5	326.0	9,094.0	4,499.0	1,039.0
Surry CC	20,240.5	13,380.5	3,771.5	20,193.5	11,611.0	3,337.0	17,859.5	10,941.5	3,936.0
Tri-County CC	6,040.5	3,608.5	1,395.5	7,687.5	3,535.0	972.5	5,040.5	4,002.5	988.0
Vance-Granv. CC	13,612.5	10,363.0	0.0	12,137.0	14,275.5	159.0	12,100.0	12,421.5	804.0
Wake TCC	44,186.0	17,332.5	2,109.0	40,252.0	14,982.5	2,195.0	37,539.5	15,031.0	1,380.0
Wayne CC	27,322.0	11,259.5	575.0	26,753.0	10,088.0	476.0	18,911.0	13,232.0	729.0
W. Piedmont CC	16,650.0	8,647.0	3,810.0	18,267.0	8,530.5	5,084.0	14,582.0	10,235.0	5,137.0
Wilkes CC	17,343.5	6,912.5	2,412.0	17,962.5	6,675.5	2,467.0	16,574.5	6,661.0	2,862.5
Wilson TCC	7,296.0	8,691.5	1,848.0	7,565.0	7,576.0	1,487.0	8,301.5	8,018.0	1,065.0
TOTAL	1,139,114.0	598,285.5	127,585.5	1,056,260.0	561,565.0	138,219.5	982,293.0	550,021.0	112,244.5

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TABLE 9:
SPACE FACTORS

A space factor is the assignable square feet of a given type of space divided by the student clock hours of instruction generated from that type of space. It is very useful to facilities planners in that it combines into a single factor the concepts of weekly room hours (Tables 3 and 4), percent student station utilization (Table 7), and assignable square feet per student station (Tables 16 and 17). The lower the space factor, the more effectively the space is being utilized for instructional purposes.

Space factors can be specifically defined in two ways. For Table 9, the formula:

$$\text{Space Factor} = \frac{\text{Assignable Square Feet}}{\text{Student Clock Hours}}$$

is used. Note that space factors must relate to a specified type of space. For example, a classroom space factor is calculated by dividing the assignable square feet of classroom space by the student clock hours generated in classrooms.

An alternative formula is:

$$\text{Space Factor} = \frac{\text{Assignable Sq. Ft./Station}}{\text{Avg. Weekly Room Hours X Percent Station Utilization}}$$

Although the two are equivalent, they may produce slightly different results because of the rounding which is inherent in the second formula. The second formula is nevertheless useful in calculating space factor norms.

Classrooms. If the norms cited for Tables 3, 7, and 16 are used for the three factors which comprise the second formula, the result is a space factor of 0.89:

$$\text{Classroom Space Factor} = \frac{16}{30 \text{ X } .60} = 0.89$$

Although this represents a frequently cited norm for classroom space factors, it is considerably lower (i.e., more efficient) than the classroom space factors of most North Carolina institutions. A more relevant norm can be calculated by using the state averages for the three required indices:

$$\text{Classroom Space Factor} = \frac{17}{22.1 \text{ X } .573} = 1.34$$

Class Laboratories. The average assignable square footage per station in class laboratories varies widely among different types of labs. (Page 130 provides some average figures for selected labs.) This variance results in a wide range of space factors and makes the defining of norms difficult.

A useful way to approach this problem is to distinguish between engineering/mechanical class labs and other class labs. Most engineering/mechanical labs require relatively large amounts of space per station because of the equipment that is used. One hundred square feet per station is a reasonable mean for these labs. Using this figure, and the norms cited for Tables 4 and 7, the following space factor is derived:

$$\text{Engineering/Mechanical Lab Space Factor} = \frac{100}{20 \times .80} = 6.25$$

Other kinds of class labs require considerably less space per student station. If 40 square feet is used as the norm, the following space factor is derived:

$$\text{"Other Lab" Space Factor} = \frac{40}{20 \times .80} = 2.5$$

Teaching Areas. Teaching areas represent the sum of classroom and class laboratory space. A space factor norm for teaching areas has not been derived, but the group means can be useful in assessing the extent of utilization.

Table 10 has also been developed to assist institutions in analyzing their utilization data. High, low, and weighted means are reported for average weekly room hours, percent student station utilization, and space factors in both classrooms and class laboratories.

Space Factors

Table 9

INSTITUTION	Classrooms					Laboratories					Teaching Areas				
	1991	1990	1989	1988	1987	1991	1990	1989	1988	1987	1991	1990	1989	1988	1987
Research Universities I:															
NC State	0.74	0.72	0.74	0.75	0.79	4.18	6.11	5.98	5.61	5.89	1.34	1.46	1.50	1.48	1.55
NC State Vet.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	0.96	0.87	0.91	0.91	0.90	3.09	3.39	3.53	3.23	3.31	1.21	1.14	1.18	1.14	1.14
UNC-Health Aff.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	0.84	0.79	0.82	0.82	0.84	3.81	5.06	5.10	4.77	4.98	1.28	1.32	1.36	1.33	1.37
Doctoral Granting Universities II:															
UNC-Greensboro	0.97	0.97	1.04	1.01	1.12	4.02	3.69	3.94	3.96	4.27	1.36	1.31	1.47	1.47	1.54
Comprehensive I Universities:															
Appalachian	1.18	1.19	1.01	1.05	1.02	3.92	3.78	3.74	3.95	3.85	1.58	1.59	1.44	1.51	1.30
East Carolina	1.07	1.19	1.24	1.16	0.95	3.92	4.49	4.34	4.44	4.14	1.53	1.75	1.77	1.79	1.52
ECU-Health Aff.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fayetteville	1.67	1.31	1.47	1.42	1.46	4.52	3.51	4.88	4.66	4.51	2.12	1.84	2.16	2.11	2.15
NC A & T	1.26	1.49	1.79	2.10	1.85	4.47	5.22	8.67	8.13	9.24	1.79	2.16	3.04	3.27	2.93
NC Central	1.71	1.63	1.77	2.04	2.10	7.17	7.52	6.71	14.68	8.62	2.26	2.18	2.31	2.85	2.79
UNC-Charlotte	0.58	0.63	0.63	0.67	0.72	2.46	2.49	2.71	2.76	2.79	0.95	1.01	1.07	1.08	1.12
UNC-Wilmington	0.65	0.77	0.77	0.74	0.66	2.11	2.42	2.35	2.64	2.92	0.85	0.99	0.98	0.99	0.94
West'n Carolina	1.31	1.45	1.52	1.37	1.60	5.09	6.80	7.87	7.24	7.77	1.87	2.12	2.25	2.09	2.34
SUBTOTAL	1.06	1.12	1.15	1.18	1.14	3.70	3.95	4.42	4.64	4.66	1.48	1.59	1.70	1.75	1.66
Comprehensive II Universities:															
Elizabeth City	1.92	1.92	1.50	1.52	1.41	6.39	6.73	7.05	6.01	7.36	3.03	3.08	2.46	2.42	2.44
Pembroke	1.60	1.62	1.51	1.71	1.95	7.63	6.52	4.29	4.69	4.30	2.20	2.16	1.82	2.10	2.32
UNC-Asheville	1.39	1.41	1.04	0.98	0.81	6.10	6.95	6.58	7.23	6.71	2.00	2.10	1.89	1.85	1.32
Winston-Salem	2.08	2.10	2.21	2.15	2.21	5.62	5.67	7.26	8.23	7.06	2.45	2.49	2.69	2.61	2.64
SUBTOTAL	1.72	1.73	1.56	1.58	1.58	6.39	6.55	6.31	6.33	6.17	2.38	2.41	2.18	2.22	2.14
Specialized Institution:															
NC Sch. of Arts	2.47	3.38	2.23	2.60	2.56	7.65	10.11	7.83	6.27	7.28	5.53	7.29	5.64	5.16	5.70
Community Colleges:															
SUBTOTAL	1.42	1.43	1.50	1.56	1.53	4.40	4.52	4.50	4.54	4.50	2.44	2.51	2.58	2.66	2.65
PRIVATE INSTITUTIONS															
Major Research Universities:															
SUBTOTAL	1.36	1.34	1.34	1.35	1.37	7.06	8.65	8.87	5.99	6.78	1.78	1.77	1.78	1.51	1.75
Gen. Baccalaureate Colleges:															
SUBTOTAL	1.69	1.69	1.66	1.67	1.74	7.43	7.32	7.56	8.15	8.58	2.38	2.38	2.36	2.41	2.52
Junior Colleges:															
SUBTOTAL	2.18	1.91	1.82	1.99	1.93	10.28	8.92	9.47	8.64	6.76	3.44	3.02	2.88	3.00	2.81
GRAND TOTAL	1.28	1.29	1.32	1.34	1.34	4.57	4.83	4.89	4.90	4.94	2.02	2.07	2.12	2.15	2.15

Space Factors

Table 9

INSTITUTION	Classrooms					Laboratories					Teaching Areas				
	1991	1990	1989	1988	1987	1991	1990	1989	1988	1987	1991	1990	1989	1988	1987
Community Colleges:															
Alamance CC	1.18	1.11	1.27	0.90	1.12	2.64	3.19	3.42	2.94	3.24	1.80	1.86	2.07	1.67	1.95
Anson CC	2.22	2.33	2.63	2.54	2.87	5.39	5.29	5.60	5.98	5.84	4.04	3.80	4.30	4.39	4.48
Asheville-Bun. TCC	1.88	1.80	1.77	2.49	1.98	6.56	6.75	5.47	5.69	5.09	3.05	2.97	2.73	3.53	3.04
Beaufort Co. CC	1.36	1.42	1.64	2.03	2.16	4.89	5.04	5.99	6.67	7.04	2.65	2.76	3.27	3.82	3.88
Bladen CC	1.78	1.73	1.86	2.39	2.75	5.13	6.30	7.73	6.41	6.49	3.55	3.73	4.53	4.82	5.27
Blue Ridge CC	1.51	1.55	1.77	1.79	1.36	4.96	5.43	6.43	6.20	6.84	2.76	2.96	3.60	3.69	3.56
Brunswick CC	1.74	1.74	2.24	3.72	2.24	5.70	6.23	6.46	8.20	6.26	2.80	2.86	3.35	5.46	3.77
Caldwell CC & TI	1.58	1.72	1.69	1.57	1.56	5.87	6.53	6.51	4.47	4.64	3.20	3.58	3.59	2.77	2.82
Cape Fear CC	0.89	0.89	0.89	0.96	0.97	3.14	3.24	3.31	3.25	3.30	1.86	1.92	1.95	2.04	2.14
Carteret CC	1.31	1.34	1.04	1.09	1.16	4.86	4.53	4.19	4.04	3.60	2.43	2.47	2.18	2.29	2.21
Catawba Vy. CC	1.18	1.33	1.61	1.86	1.71	3.68	3.96	4.45	4.97	4.78	2.15	2.37	2.71	2.95	2.92
C. Carolina CC	1.39	1.54	1.49	1.35	1.35	4.48	4.64	4.92	4.91	4.68	2.59	2.85	2.83	2.71	2.61
C. Piedmont CC	1.14	0.90	0.91	0.92	0.81	3.58	3.09	2.48	2.70	2.39	1.95	1.59	1.45	1.51	1.33
Cleveland CC	2.20	2.10	2.25	2.15	2.93	6.13	5.60	5.49	5.30	6.12	3.82	3.54	3.62	3.55	4.55
Coastal Car. CC	1.08	0.82	0.83	0.86	0.95	3.86	3.65	3.44	4.15	4.57	1.94	1.76	1.72	1.77	1.95
Col. Albemarle	1.20	1.24	1.26	1.37	1.58	5.19	5.45	5.34	5.56	6.12	2.43	2.55	2.61	3.02	3.28
Craven CC	1.55	1.55	1.19	1.43	1.11	2.40	3.36	2.72	2.42	2.26	1.91	2.24	1.78	1.88	1.59
Davidson Co. CC	1.27	1.59	1.49	1.66	1.97	4.74	4.64	4.79	5.11	6.28	2.23	2.59	2.49	2.73	3.32
Durham TCC	1.04	0.91	1.03	1.04	1.01	3.79	3.75	3.75	3.70	3.57	1.88	1.79	1.87	1.91	1.94
Edgecombe CC	1.78	2.61	2.85	2.80	5.35	4.40	5.39	6.13	6.23	11.45	2.71	3.71	4.24	4.07	7.66
Fayettev'le TCC	1.12	1.18	1.13	1.12	1.14	3.82	3.96	4.02	3.91	4.04	1.74	1.96	1.81	1.78	1.85
Forsyth TCC	1.58	1.57	1.66	1.61	2.00	4.65	5.00	4.76	4.81	5.05	2.63	2.68	2.74	2.64	3.10
Gaston Col.	1.35	1.50	1.62	1.63	1.76	5.57	6.75	6.66	6.08	6.36	2.48	2.80	2.90	2.96	3.17
Guilford TCC	1.28	1.25	1.30	1.35	1.38	4.95	4.01	4.44	4.71	3.66	2.37	2.12	2.28	2.50	2.29
Halifax CC	1.45	1.85	1.80	2.14	2.59	4.01	6.49	4.98	4.97	7.56	2.40	3.26	3.05	3.27	4.70
Haywood CC	1.75	1.65	1.47	1.47	1.96	4.38	5.19	4.27	4.11	4.28	3.40	3.75	3.31	3.18	3.52
Isothermal CC	1.88	1.80	2.25	2.16	2.03	4.33	4.48	4.52	3.71	4.40	2.94	2.83	3.21	2.86	2.97
J. Sprunt CC	1.86	2.04	2.15	2.16	2.11	4.80	6.12	7.45	7.96	7.95	3.19	3.74	4.22	4.40	4.66
Johnston CC	1.26	1.40	1.19	1.00	1.02	5.35	5.33	5.58	5.09	5.35	2.53	2.59	2.55	2.29	2.36
Lenoir CC	1.65	2.18	2.14	1.60	1.68	3.04	3.53	3.71	3.92	3.57	2.15	2.71	2.72	2.43	2.44
Martin CC	2.01	2.59	3.11	3.89	3.82	6.23	6.02	9.02	9.45	8.12	4.48	4.74	6.15	6.31	5.84
Mayland CC	1.48	2.04	1.45	1.89	1.72	4.84	3.77	4.78	4.64	3.73	2.44	2.67	2.41	3.19	2.67
McDowell TCC	2.70	4.05	3.45	4.91	4.92	3.31	4.23	4.65	4.78	4.82	3.08	4.17	4.16	4.83	4.86
Mitchell CC	2.05	2.12	2.14	2.79	2.94	4.93	5.71	5.58	4.71	5.82	3.06	3.34	3.32	3.58	3.98
Montgomery CC	2.23	2.77	2.80	2.66	2.24	4.34	3.84	4.81	4.68	5.21	3.65	3.51	4.17	4.03	4.07
Nash CC	1.67	2.15	2.19	2.04	2.59	4.87	3.88	4.93	5.30	4.31	2.62	2.84	3.19	2.93	3.22
Pamlico CC	2.59	2.52	2.57	2.49	3.24	8.62	7.78	6.64	6.72	8.89	5.04	4.74	4.47	4.42	5.79
Piedmont CC	2.24	2.26	2.26	2.32	2.35	5.23	5.55	5.33	5.70	6.17	3.39	3.57	3.52	3.66	3.96
Pitt CC	0.79	0.83	0.81	0.91	0.95	3.38	4.03	3.52	3.42	3.60	1.58	1.81	1.66	1.72	1.76
Randolph CC	2.25	1.93	1.92	1.96	1.95	5.62	5.06	4.83	5.26	5.05	3.63	3.32	3.24	3.39	3.43
Richmond CC	1.48	1.85	2.06	1.91	1.81	6.83	7.73	6.96	8.52	6.53	3.04	3.83	3.90	4.04	3.63
Roanoke-Cho. CC	2.19	2.08	2.33	2.58	2.64	7.46	6.49	6.91	6.93	6.66	3.79	3.50	3.82	3.91	4.03
Robeson CC	1.25	1.76	2.26	3.33	2.32	4.93	4.46	4.96	6.81	5.73	2.57	3.00	3.44	4.88	3.69
Rockingham CC	1.56	1.79	2.05	2.13	1.40	5.57	6.64	6.16	6.81	6.01	2.88	3.32	3.44	3.60	2.91
Rowan-Cab. CC	1.66	1.62	1.47	1.71	1.70	4.40	3.96	4.18	4.21	4.32	2.48	2.40	2.34	2.65	2.64
Sampson CC	1.27	1.29	1.28	1.70	1.67	4.50	4.53	5.81	5.75	5.20	2.44	2.48	2.76	3.21	2.92
Sandhills CC	1.42	1.59	1.40	1.35	1.39	4.80	4.96	4.70	3.84	4.55	2.37	2.55	2.44	2.31	2.54
Southeastern CC	1.99	1.67	1.76	1.88	1.71	5.62	7.85	4.79	5.49	5.56	3.15	3.36	2.87	3.07	2.99
Southwestern CC	1.99	1.98	2.66	3.13	2.43	5.39	5.67	6.64	8.55	5.64	3.08	3.04	4.03	4.92	3.76
Stanly CC	1.61	1.69	1.81	1.85	2.32	4.73	4.51	5.56	5.75	5.45	2.68	2.78	3.05	3.05	3.57
Surry CC	1.02	1.03	1.21	1.48	1.43	2.70	3.06	3.16	2.85	2.83	1.69	1.77	1.95	2.07	2.03
Tri-County CC	2.87	2.29	3.49	3.07	2.43	6.56	8.80	7.77	7.26	8.77	4.25	4.34	5.38	5.04	4.93
Vance-Granv. CC	1.78	1.75	1.76	2.07	1.49	3.99	2.65	3.04	4.28	3.77	2.74	2.23	2.41	3.09	2.45
Wake TCC	1.27	1.18	1.34	1.41	0.95	3.30	3.71	3.76	3.97	3.94	1.84	1.87	2.03	2.14	1.81
Wayne CC	1.41	1.47	1.86	1.21	1.45	4.52	5.20	4.39	3.57	3.95	2.32	2.49	2.90	2.14	2.51
W. Piedmont CC	1.36	1.22	1.45	1.14	1.24	3.40	3.26	2.78	2.97	3.52	2.06	1.87	2.00	1.95	2.20
Wilkes CC	1.29	1.24	1.41	1.32	1.62	5.16	5.34	5.35	4.61	4.43	2.39	2.35	2.54	2.16	2.48
Wilson TCC	1.90	2.01	1.85	1.80	2.07	5.30	5.79	5.38	4.95	5.60	3.75	3.90	3.58	3.51	3.90
TOTAL	1.42	1.43	1.50	1.56	1.53	4.40	4.52	4.50	4.54	4.50	2.44	2.51	2.58	2.66	2.65

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Range of Selected Space Utilization Indices for Classrooms

Table 10

INSTITUTION	Room Hours Per Week			% Student Station Utilization			Space Factor		
	High	Mean	Low	High	Mean	Low	High	Mean	Low
Research Universities I:	30.9	28.3	25.8	63.2	62.7	62.0	0.96	0.84	0.74
Doctoral Granting Universities II:*	27.5	27.5	27.5	61.3	61.3	61.3	0.97	0.97	0.97
Comprehensive I Universities:	35.7	23.9	15.4	66.8	60.2	49.7	1.71	1.06	0.58
Comprehensive II Universities:	22.8	18.8	16.1	50.4	46.5	41.7	2.08	1.72	1.39
Specialized Institution:*	16.2	16.2	16.2	55.2	55.2	55.2	2.47	2.47	2.47
Community Colleges:	32.7	22.4	13.0	73.5	58.8	34.1	2.87	1.42	0.79
PRIVATE INSTITUTIONS									
Major Research Universities:	20.0	19.4	19.1	54.8	52.2	50.8	1.40	1.36	1.29
Gen. Baccalaureate Colleges:	29.8	18.3	10.0	76.3	48.9	31.5	3.15	1.69	0.69
Junior Colleges:	22.0	15.9	12.4	65.2	52.7	44.1	3.04	2.18	1.38
STATE RANGE	35.7	22.1	10.0	76.3	57.3	31.5	3.15	1.28	0.58
TYPICAL STANDARD		30.0			60.0			0.83-0.90	

*Only one institution in this category

Range of Selected Space Utilization Indices for Class Laboratories

Table 10

INSTITUTION	Room Hours Per Week			% Student Station Utilization			Space Factor		
	High	Mean	Low	High	Mean	Low	High	Mean	Low
Research Universities I:	16.7	13.5	12.1	75.8	69.0	59.0	4.18	3.81	3.09
Doctoral Granting Universities II:*	15.9	15.9	15.9	53.6	53.6	53.6	4.02	4.02	4.02
Comprehensive I Universities:	21.1	14.5	6.6	69.6	57.6	41.9	7.17	3.70	2.11
Comprehensive II Universities:	9.6	8.2	5.8	57.3	48.0	43.5	7.63	6.39	5.62
Specialized Institution:*	13.0	13.0	13.0	62.9	62.9	62.9	7.65	7.65	7.65
Community Colleges:	28.0	18.7	11.7	75.3	59.0	39.6	8.62	4.40	2.40
PRIVATE INSTITUTIONS									
Major Research Universities:	7.8	6.5	4.4	74.0	65.6	44.1	15.55	7.06	5.08
Gen. Baccalaureate Colleges:	14.4	7.8	3.0	84.0	49.2	19.7	29.56	7.43	3.48
Junior Colleges:	11.7	6.7	4.5	66.9	46.9	41.5	18.11	10.28	5.41
STATE RANGE	28.0	15.3	3.0	84.0	58.5	19.7	29.56	4.57	2.11
TYPICAL STANDARD		20.0			80.0			3.00-5.00	

*Only one institution in this category

TABLE 11:
SPACE CRITERIA

The Higher Education Facilities Planning and Management Manuals, published by the Western Interstate Commission for Higher Education, provide one of the best sources of information on space criteria. Since all higher education institutions have been provided copies of the manuals, only highlights of space criteria will be provided in Table 11. It is recommended that the manuals be used for further information or assessments until updated criteria can be developed from a new national survey of higher education facilities. To this end, a national work group has recently developed an updated edition of the Facilities Inventory and Classification Manual.

Space Criteria

Table 11

CLASSROOMS:	Average	Range
Room Utilization Ratio	30 hours/week	20-32 hours/week
Station Occupancy Ratio	65%	45%-85%
Assignable Square Feet Per Student Station	18 ASF	10-25 ASF

LABORATORIES:	Average	Range
Room Utilization Ratio, Lower Division	24 hours	22-26 hours
Room Utilization Ratio, Upper Division	16 hours	14-18 hours
Station Occupancy Ratio, Lower Division	80%	75%-85%
Station Occupancy Ratio, Upper Division	60%	55%-65%

Assignable Square Feet Per Station

Criteria vary from 15 to 150 ASF depending on academic program and course levels. Details are shown in Table 53 of Higher Education Facilities Planning and Management Manual Two. Some examples are:

Biology, general	30-40 ASF	Forestry	30-40 ASF
Fine Arts, general	30-50 ASF	Architecture	40-50 ASF
Letters	15-25 ASF	Engineering, general	40-70 ASF
Accounting	20-35 ASF	Business and Management	20-30 ASF
Automotive Technology	100-150 ASF	Sculpture, Ceramics	50-80 ASF
Nursing, practical	25-50 ASF	Music (Liberal Arts)	15-20 ASF

LIBRARIES:

Stack Unit Floor Area Criteria

Type of Stack Area	Average Bound Volumes per Assignable Square Foot	Average Assignable Square Feet per Volume
Open-Stack Reading Rooms	8 - 10	0.125 - 0.10
Open Stacks	10 - 12	0.10 - 0.083
Closed Stacks	12 - 15	0.083 - 0.067
High Density Compact Storage	40 - 60	0.025 - 0.017

Table 11

LIBRARIES (Continued):

Reading Stations Unit Floor Area Criteria

Type of Station	Assignable Square Feet per Station
Open Tables and Chairs	20 - 25
Small Carrels	25 - 30
Research Carrels (Open)	30 - 35
Enclosed Studies (Faculty)	40 - 70
Microfilm and Audio/Visual Carrels	35 - 45
Typing Stations (Multiple Stations in an Enclosed Room)	25 - 35
Reading Lounge	25 - 30
Conference Rooms, Seminar Rooms and Small-Group Studies	20 - 25

Staff and Service Space Unit Floor Area Criteria

As a general guideline, the total staff and service facilities of a library may be expected to range from 25 percent (for a smaller library) to 18 percent (for a larger library) of the combined stack and reader floor area.

OFFICES:

ASSIGNABLE SQUARE FEET CRITERIA FOR OFFICE STATIONS

	Academic Departments		Nonacademic Departments	
Personnel Category	Single Occupancy ASF/Station	Multiple Occupancy ASF/Station	Single Occupancy ASF/Station	Multiple Occupancy ASF/Station
Administrator - President	N/A	N/A	300±50	N/A
Vice-Pres.	N/A	N/A	240±30	N/A
Dean	240±20	N/A	N/A	N/A
Chairman	180±20	N/A	N/A	N/A
Professional	120±10	90±10	120±20	90±10
Secretarial-Clerical	120±10	90±20	120±40	90±20
Graduate Assistants	N/A	50±10	N/A	N/A

Table 11

OFFICES (Continued):

ASSIGNABLE SQUARE FEET CRITERIA FOR CONFERENCE ROOM AND CONFERENCE ROOM SERVICE FACILITIES

Stations	Conference Room Assignable Square Feet Per Station Assignable Square Feet Per Station	Conference Room Service Space in Assignable Square Feet
10	25	30±5
15	22	30±5
20	20	30±5
25	20	30±5
30	15	30±5

GENERAL USE FACILITIES UNIT FLOOR AREA CRITERIA:

Type of Facility	Item	Assignable Square Feet
1. Food Facilities	1. Dining Station - Family Size	12.5
	2. Dining Station - Cafeteria	11.0
	3. Dining Station - Snack Bar	10.0
2. Lounge Facilities	1. Station - Commons Room	20
3. Recreation Facilities	1. Lockers	6.75
	2. Meeting Room	20 ASF/station
	3. Billiards	320 ASF/Table
	4. Bowling Alley	575 ASF/Lane
	5. Kitchenette	20
	6. Table Tennis	345 ASF/Table
4. Residential Facilities	1. Single Occupancy*	110 - 130
	2. Double Occupancy*	190 - 230
	3. Married - One Bedroom	570 - 650
	4. Married - Two Bedroom	620 - 750

*Toilets, washrooms, showers, and recreational space are not included.

TABLE 12:
ENROLLMENTS

The two primary measures of student populations are full-time equivalent (FTE) enrollment and headcount enrollment. FTE enrollment considers part-time students as fractions of full-time students through the use of conversion formulas which are described below. Headcount enrollment makes no distinction between full-time and part-time students.

FTE enrollments are generally more relevant than headcount enrollments in making space utilization assessments. Table 12, therefore, reports only FTE enrollments. This section, however, does describe some data trends in headcount enrollment.

FTE Enrollment

FTE enrollment as used in this study is based on the fall enrollment. It is defined as the number of full-time students (those carrying at least 75 percent of the normal credit hour load) plus the equivalent number of students enrolled for less than 75 percent of the normal full-time load. In obtaining the undergraduate FTE enrollment figures for the University of North Carolina, a student carrying 12 or more credit hours is considered a full-time student. In those instances where a student takes less than 12 hours, the following method of calculating FTE student is used: a student with a load of nine through 11 credit hours is the equivalent of 3/4 FTE; the student with a six through eight credit hour load is the equivalent of 1/2 FTE; and a student with less than six credit hours is the equivalent of 1/4 FTE. In obtaining graduate FTE enrollment figures for the University of North Carolina, a student carrying nine or more credit hours is considered a full-time student. In those instances where a graduate student takes less than nine credit hours, the following method of equating is used: a student with a load of six through eight credit hours is the equivalent of 3/4 FTE; the student with a three through five credit hour load is the equivalent of 1/2 FTE; and a student with less than three credit hours is the equivalent of 1/4 FTE.

The Department of Community Colleges now reports FTE based on its official "class membership" (contact) hour formula for calculation. Sixteen class membership hours per week for 11 weeks equates to one fall quarter FTE. FTE fractions are thus based on a division of total class membership hours (contact hours per week times eleven weeks) by (16 x 11) or 176. As with Table 2, previous year figures have also been converted on the basis of this adjusted formula.

For the community colleges, Table 12 lists only on-campus credit enrollments for 1987-1990. This means that instruction which took place in facilities not on a community college's campus would not be considered in determining the enrollments listed. For 1991, the on-campus FTE is provided, but as a means of comparison, the total FTE (representing both on-campus and off-campus instruction) is also listed for all institutions of the Community

College System. Since private colleges and universities and the constituent institutions of the University of North Carolina do not conduct a significant number of instructional courses off-campus, the total FTE enrollments which are listed may also be considered as approximating these institutions' campus-based enrollments.

Trends in Headcount Enrollments*

Total enrollment at institutions of higher education in the United States reached a record high of nearly 14.2 million students in fall 1991, an increase of 3.2 percent over fall 1990. Public 2-year institutions again captured the major share of the enrollment increase with a growth of 7.6 percent. Increases in full-time and part-time enrollment of both sexes contributed to the rise. In contrast, enrollment in 4-year institutions remained fairly stable (0.6 percent increase).

The 1991 enrollment growth was 3.7 percent for women and 2.6 percent for men. For the fourth consecutive year, women outnumbered men on the nation's campuses by more than one million students and continue to have a 55 percent share of the total enrollment. Undergraduate enrollment again rose almost 4 percent, accounting for nearly all of the growth at institutions of higher learning last fall.

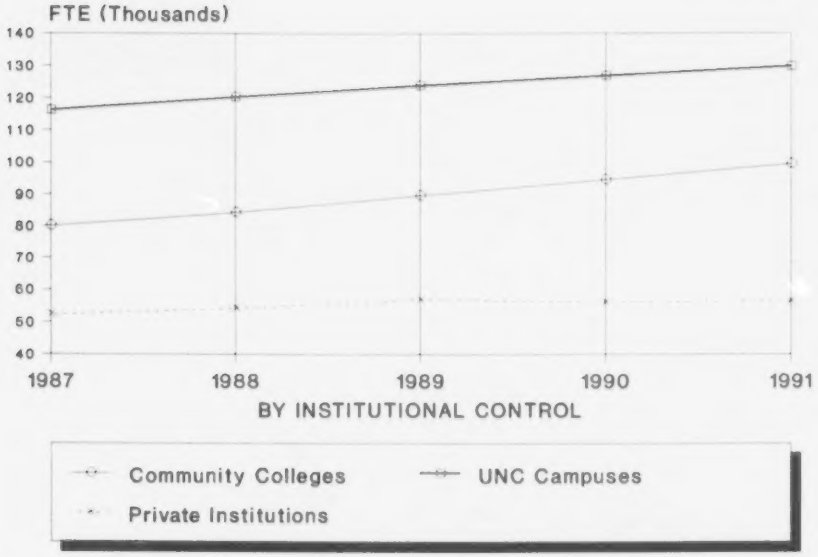
The following table indicates the annual percentage changes, for public and private institutions, in national headcount enrollments for the last five years:

	Overall Change	Public Institutions	Private Institutions
1987	1.0	1.0	1.0
1988	2.4	3.5	-1.2
1989	3.4	3.9	1.5
1990	3.4	4.0	3.0
1991	3.2	4.0	0.4

North Carolina institutions experienced a modest headcount enrollment increase of 1.3 percent in 1991. Public institutions showed a 3.2 percent increase while private enrollments decreased by 3.7%. Enrollments for both men and women increased by 1.3 percent. In a reversal from last year, North Carolina's 1991 part-time increase (2.8%) was higher than the full-time increase (.8%).

*National headcount figures presented here are based on the preliminary Early National Estimates Survey (December 1991) of a sample of 665 institutions of higher education conducted by the National Center for Education Statistics. Results of the final NCES 1991 survey of a universe of more than 3,500 institutions were not available in time for this publication.

FTE ENROLLMENTS



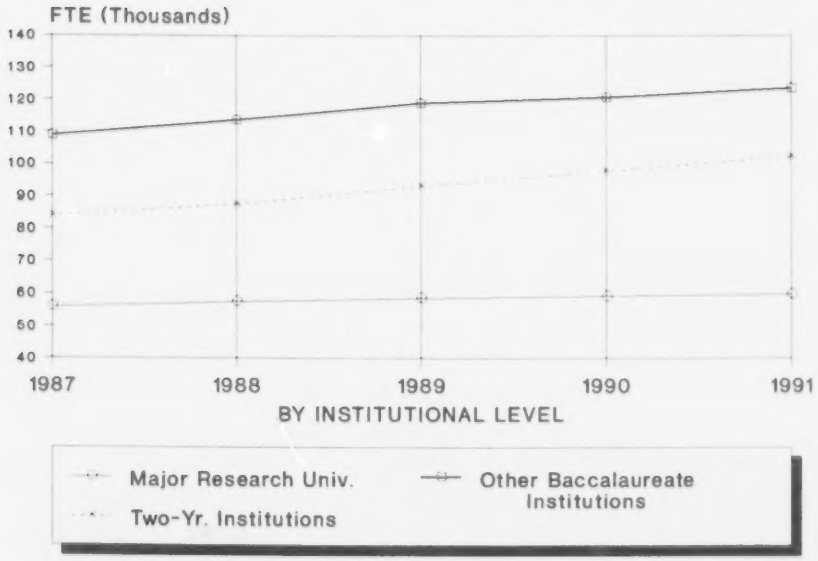


Table 12

FTE Enrollments
Summary

INSTITUTION	1991	1990	1989	1988	1987
Research Universities I:	43,428	43,041	42,352	42,065	40,564
Doctoral Granting Universities II:	10,256	10,455	10,200	9,692	9,169
Comprehensive I Universities:	66,441	63,710	61,621	59,225	57,538
Comprehensive II Universities:	9,093	9,161	9,096	8,702	8,381
Specialized Institution:	472	462	482	488	462
Community Colleges:	99,488	94,624	89,681	84,338	80,113
		PRIVATE INSTITUTIONS			
Major Research Universities:	16,389	16,213	15,691	15,496	15,255
Gen. Baccalaureate Colleges:	37,089	36,789	36,538	35,620	33,296
Junior Colleges:	2,855	3,195	3,362	3,240	3,832
GRAND TOTAL	285,511	277,650	269,023	258,866	248,610

FTE Enrollments
Institutional

Table 12

INSTITUTION	1991	1990	1989	1988	1987
Research Univ. I:					
NC State	21,894	21,392	20,859	20,438	19,554
NC State Vet.	269	275	268	278	276
UNC-Chapel Hill	17,960	18,161	18,138	18,293	17,607
UNC-Health Aff.	3,305	3,213	3,087	3,056	3,127
SUBTOTAL	43,428	43,041	42,352	42,065	40,564
Doctoral Granting Univ. II:					
UNC-Greensboro	10,256	10,455	10,200	9,692	9,169
Comprehensive Univ. I:					
Appalachian	10,798	10,843	10,774	10,444	10,357
East Carolina	14,288	13,874	13,487	13,202	12,599
ECU-Health Aff.	1,009	1,152	1,017	953	931
Fayetteville	3,181	2,856	2,606	2,338	2,316
NC A & T	6,486	5,841	5,864	5,438	5,473
NC Central	4,668	4,799	4,627	4,383	4,334
UNC-Charlotte	12,821	12,335	11,279	11,014	10,216
UNC-Wilmington	7,426	6,446	6,485	6,077	6,035
West'n Carolina	5,764	5,564	5,482	5,376	5,277
SUBTOTAL	66,441	63,710	61,621	59,225	57,538
Comprehensive Univ. II:					
Elizabeth City	1,700	1,674	1,641	1,608	1,537
Pembroke	2,559	2,690	2,652	2,435	2,249
UNC-Asheville	2,562	2,599	2,555	2,440	2,346
Winston-Salem	2,272	2,198	2,248	2,219	2,249
SUBTOTAL	9,093	9,161	9,096	8,702	8,381
Specialized Inst.:					
NC Sch. of Arts	472	462	482	488	462

FTE Enrollments
Institutional

Table 12

INSTITUTION	1991*		1990	1989	1988	1987
Community Colleges:						
Alamance CC	2,218	(2,540)	2,047	1,896	1,712	1,535
Anson CC	310	(524)	297	287	281	317
Ashev'le-Bun. TCC	2,938	(3,052)	2,607	2,365	2,109	2,196
Beaufort Co. CC	1,118	(1,240)	990	937	859	810
Bladen CC	729	(832)	509	481	416	419
Blue Ridge CC	1,190	(1,245)	1,204	1,066	872	889
Brunswick CC	646	(646)	609	640	528	466
Caldwell CC & TI	1,493	(2,013)	1,339	1,357	1,357	1,350
Cape Fear CC	2,393	(2,409)	2,379	2,163	2,080	1,976
Carteret CC	1,117	(1,273)	1,088	974	967	1,000
Catawba Vy. CC	2,425	(2,758)	2,179	2,092	1,716	1,537
C. Carolina CC	1,685	(2,509)	1,719	1,654	1,601	1,609
C. Piedmont CC	9,132	(9,873)	9,214	8,474	8,185	7,972
Cleveland CC	904	(1,136)	856	796	751	727
Coastal Car. CC	2,794	(3,077)	2,642	2,704	2,510	2,348
Col. Albemarle	1,451	(1,509)	1,329	1,113	961	937
Craven CC	1,475	(1,890)	1,340	1,189	1,055	997
Davidson Co. CC	1,893	(2,129)	1,797	1,760	1,696	1,686
Durham TCC	2,931	(3,241)	2,846	2,615	2,552	2,189
Edgecombe CC	1,117	(1,376)	976	817	773	689
Fayettev'le TCC	4,797	(5,425)	4,214	4,521	4,226	4,065
Forsyth TCC	3,371	(3,550)	3,030	3,128	2,786	2,485
Gaston Col.	2,836	(3,089)	2,899	2,594	2,573	2,226
Guilford TCC	5,479	(5,567)	5,375	4,966	4,571	4,447
Halifax CC	1,039	(1,207)	803	749	751	652
Haywood CC	1,334	(1,335)	1,217	1,129	1,069	1,098
Isothermal CC	1,447	(1,497)	1,358	1,288	1,316	1,300
J. Sprunt CC	889	(1,041)	632	609	609	594
Johnston CC	1,712	(2,559)	1,680	1,584	1,545	1,363
Lenoir CC	1,749	(2,044)	1,632	1,674	1,764	1,640

*Figures in parentheses represent total FTE enrollments (both on and off campus).
See pages 69-70.

Table 12

FTE Enrollments
Institutional

INSTITUTION	1991*		1990	1989	1988	1987
Community Colleges:						
Martin CC	644	(667)	596	536	526	604
Mayland CC	659	(865)	569	563	419	489
McDowell TCC	648	(702)	560	535	520	515
Mitchell CC	1,212	(1,280)	1,124	1,135	1,075	1,034
Montgomery CC	503	(508)	408	363	350	376
Nash CC	1,101	(1,128)	1,017	921	876	855
Pamlico CC	101	(107)	96	121	144	105
Piedmont CC	583	(1,106)	509	424	423	416
Pitt CC	1,790	(3,343)	2,612	2,273	2,205	2,169
Randolph CC	1,334	(1,348)	1,296	1,340	1,200	1,130
Richmond CC	936	(979)	871	846	788	809
Roanoke-Cho. CC	665	(696)	659	623	580	558
Robeson CC	1,228	(1,366)	1,178	1,118	1,119	1,044
Rockingham CC	1,622	(1,627)	1,473	1,415	1,267	1,150
Rowan-Cab. CC	1,565	(2,403)	1,523	1,572	1,488	1,471
Sampson CC	796	(889)	812	784	789	721
Sandhills CC	2,504	(2,516)	2,485	2,323	1,993	1,864
Southeastern CC	1,298	(1,469)	1,228	1,303	1,181	1,095
Southwestern CC	1,047	(1,275)	957	878	849	814
Stanly CC	902	(1,225)	820	831	767	767
Surry CC	2,065	(2,334)	1,909	1,733	1,591	1,450
Tri-County CC	590	(590)	609	590	604	509
Vance-Granv. CC	1,423	(2,079)	1,450	1,307	1,197	1,152
Wake TCC	3,485	(4,530)	2,997	2,872	2,677	2,614
Wayne CC	1,976	(2,293)	1,821	1,754	1,713	1,566
W. Piedmont CC	1,803	(1,899)	1,787	1,540	1,645	1,402
Wilkes CC	1,451	(1,699)	1,524	1,433	1,240	1,152
Wilson TCC	945	(1,072)	927	926	921	763
TOTAL	99,488	(114,581)	94,624	89,681	84,338	80,113

*Figures in parentheses represent total FTE enrollments (both on and off campus).
See pages 69-70.

FTE Enrollments
Institutional

Table 12

INSTITUTION	1991	1990	1989	1988	1987
			PRIVATE INSTITUTIONS		
Major Research Universities:					
Duke	10,146	10,144	9,790	9,738	9,497
Duke Med. Ctr.	805	794	760	645	738
Wake Forest	5,003	4,846	4,722	4,695	4,594
Bowman Gray	435	429	419	418	426
SUBTOTAL	16,389	16,213	15,691	15,496	15,255
Gen. Baccalaureate Colleges:					
Barber Scotia	558	470	432	420	377
Barton	1,368	1,414	1,270	1,200	1,117
Belmont Abbey	935	942	954	967	953
Bennett	560	578	567	609	547
Campbell	2,611	2,547	2,522	2,700	2,661
Catawba	903	904	959	958	894
Davidson	1,547	1,502	1,423	1,415	1,407
Elon	2,991	3,014	3,084	3,057	2,937
Gardner-Webb	1,723	1,756	1,831	1,730	1,552
Greensboro	842	942	929	842	655
Guilford	1,530	1,518	1,457	1,531	1,502
High Point	2,146	2,146	1,899	1,804	1,492
Johnson C. Smith	1,240	1,167	1,286	1,187	1,159
Lees-McRae	769	850	825	781	-
Lenoir-Rhyne	1,461	1,500	1,518	1,481	1,424
Livingstone	644	677	574	548	642
Mars Hill	1,208	1,187	1,203	1,207	1,186
Meredith	2,062	1,977	1,924	1,859	1,758

Table 12

FTE Enrollments
Institutional

INSTITUTION	1991	1990	1989	1988	1987
Gen. Baccalaureate (Continued)					
Methodist	1,069	1,145	1,324	1,329	1,204
Montreat-Anderson	390	384	409	375	337
Mt. Olive	667	512	506	491	510
N.C. Wesleyan	673	639	657	659	686
Pfeiffer	809	833	793	754	757
Piedmont Bible	260	273	258	201	182
Queens	1,144	1,089	1,032	898	830
St. Andrews Presby.	607	703	771	772	796
St. Augustine's	1,849	1,840	1,831	1,752	1,590
Salem	563	575	679	649	658
Shaw	2,079	1,794	1,590	1,482	1,570
Warren Wilson	562	569	551	522	513
Wingate	1,319	1,342	1,480	1,440	1,400
SUBTOTAL	37,089	36,789	36,538	35,620	33,296
Junior Colleges:					
Brevard	770	762	743	649	586
Chowan	728	878	1,000	967	909
Lees-McRae	-	-	-	-	756
Louisburg	662	829	837	839	814
Peace	446	425	506	524	488
St. Mary's	249	301	276	261	279
SUBTOTAL	2,855	3,195	3,362	3,240	3,832
TOTAL	56,333	56,197	55,591	54,356	52,383

School of Business and Economics Building, Fayetteville State University

The academic programs for Fayetteville State University's School of Business and Economics are now housed in a modern $6.4 million facility completed in the fall of 1990. Interior highlights of the 73,000-square foot facility include a 344-seat tiered auditorium, two 114-seat lecture halls, four 42-seat tiered classrooms with adjoining seminar rooms, five computer laboratories, an executive board room, and space for the Career Planning and Placement Center. Conference rooms, office areas, a student lounge and additional classrooms complete the major space requirements.

The exterior of the new building was designed to complement the nearby G.L. Butler Learning Center. A spacious courtyard with an amphitheater and leisure seating join the two facilities both functionally and visually.

Interior Space Characteristics

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TABLE 13:
NET-TO-GROSS RATIO

The net-to-gross ratio is the assignable (or net) area of a building or group of buildings divided by the gross area. It is generally used as a measure of the efficiency of a building: the higher the net-to-gross ratio, the more space that can be assigned to the various programs for which the building was intended.

Simply stated, the gross area of a building is the sum of the floor areas of the outside faces of its exterior walls for all of the building's stories (or areas that have floor surfaces). A building's assignable area is the sum of all areas on all floors which are assigned to, or available for assignment to, an occupant or specific use. More specifically, it is the building's gross area less its custodial, circulation, mechanical, and structural areas.

Beginning in 1985, parking deck space was coded as nonassignable. This change in policy, while providing a truer picture of interior space characteristics, has the effect of decreasing the net-to-gross ratios of institutions with parking decks because gross area figures include these structures. The following institutions have parking decks (gross areas are indicated in parentheses): Central Piedmont Community College (555,136 sq. ft.), North Carolina State University (779,148 sq. ft.), University of North Carolina at Chapel Hill-Health Affairs (1,033,155 sq. ft.), University of North Carolina at Charlotte (509,295). There are three parking decks at the private major research universities, representing a total gross area of 1,496,279 sq. ft. In addition, the lower level of the octagon section of Duncan Hall at Appalachian State University (5,000 sq. ft.) is a parking deck and is, therefore, considered nonassignable. Adjusted net-to-gross figures for these institutions, which eliminate parking decks entirely and thus provide a more accurate index of campus space efficiency, are as follows: Central Piedmont Community College (67.1%), North Carolina State University (65.3%), University of North Carolina at Chapel Hill-Health Affairs (58.5%), University of North Carolina at Charlotte (67.6%), private major research universities (63.8%), Appalachian State University (68.9%).

If a renovation can increase the amount of assignable space in a building, then part of the cost of the renovation can be justified purely on a cost savings basis. Tables 19 and 20 suggest that new construction costs average $86 per gross square foot. Table 13 indicates that the average net-to-gross ratio is .64. This means that new construction costs are approximately $134 per assignable square foot.

$$\text{CONSTRUCTION COST/ASF} = \frac{\text{CONSTRUCTION COST/GSF}}{\text{NET-TO-GROSS RATIO}}$$

$$\text{CONSTRUCTION COST/ASF} = \frac{\$86}{.64} = \$134$$

Thus every assignable square foot created through a renovation can be viewed as saving the institution $134 in new construction costs.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross % 1991	1990	1989	1988	1987
Research Universities I:							
NC State*	7,731,691	4,539,013	58.7	58.2	62.3	62.4	62.8
NC State Vet.	381,311	228,913	60.0	59.8	59.8	59.8	59.8
UNC-Chapel Hill	7,056,406	4,637,649	65.7	66.2	66.1	66.2	66.2
UNC-Health Aff.*	3,359,608	1,361,535	40.5	47.9	47.3	47.2	47.1
SUBTOTAL	18,529,016	10,767,110	58.1	59.7	61.4	61.5	61.7
Doctoral Granting Universities II:							
UNC-Greensboro	2,822,090	1,801,430	63.8	63.9	63.9	64.8	65.1
Comprehensive I Universities:							
Appalachian*	2,929,909	2,015,539	68.8	68.8	69.4	69.5	69.7
East Carolina	3,047,268	2,155,824	70.7	70.5	70.5	70.2	70.8
ECU-Health Aff.	706,777	446,143	63.1	62.3	62.1	62.3	63.1
Fayetteville	914,418	599,442	65.6	66.1	66.1	66.1	66.9
NC A & T	2,220,357	1,541,144	69.4	69.2	69.2	69.2	69.3
NC Central	1,554,253	1,015,857	65.4	65.3	65.3	65.3	65.3
UNC-Charlotte*	2,992,384	1,678,027	56.1	65.0	64.9	64.8	67.8
UNC-Wilmington	1,454,111	1,009,414	69.4	68.6	68.8	67.9	68.1
West'n Carolina	2,353,615	1,606,030	68.2	68.1	68.5	68.2	68.3
SUBTOTAL	18,173,092	12,067,420	66.4	67.8	68.0	67.8	68.4
Comprehensive II Universities:							
Elizabeth City	797,117	562,472	70.6	70.4	70.9	70.9	71.1
Pembroke	703,303	485,308	69.0	67.9	67.7	67.7	68.3
UNC-Asheville	749,824	496,786	66.3	66.4	66.8	67.0	68.6
Winston-Salem	919,988	614,288	66.8	66.8	67.9	67.8	67.8
SUBTOTAL	3,170,232	2,158,854	68.1	67.8	68.4	68.4	68.9

*Beginning in 1985, the net-to-gross ratios for these institutions were affected by a change in the way parking decks were reported. See page 81.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross % 1991	1990	1989	1988	1987
Specialized Institution:							
NC Sch. of Arts	616,205	422,007	68.5	68.4	68.5	68.5	69.5
Teaching Hospitals:							
UNC Hosp. at C.H.	1,271,461	723,295	56.9	56.9	57.4	57.1	56.2
Community Colleges:							
SUBTOTAL*	13,228,738	9,139,292	69.1	68.9	69.4	69.5	69.6
		PRIVATE INSTITUTIONS					
Major Research Universities:							
SUBTOTAL*	13,634,922	7,743,972	56.8	58.6	58.5	58.1	59.5
Gen. Baccalaureate Colleges:							
SUBTOTAL	16,265,383	11,594,054	71.3	70.9	70.9	70.8	70.7
Junior Colleges:							
SUBTOTAL	1,864,119	1,300,631	69.8	69.9	70.0	70.2	70.5
GRAND TOTAL	89,575,258	57,718,065	64.4	65.3	65.7	65.7	66.0

*Beginning in 1985, the net-to-gross ratios for these institutions were affected by a change in the way parking decks were reported. See page 81.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross %				
			1991	1990	1989	1988	1987
Community Colleges:							
Alamance CC	200,945	138,552	69.0	69.0	68.7	67.4	67.5
Anson CC	62,858	46,212	73.5	72.6	73.5	73.0	72.9
Ashev'le-Bun. TCC	432,844	289,234	66.8	60.1	70.8	69.9	70.1
Beaufort Co. CC	128,848	99,225	77.0	77.7	77.8	77.8	78.7
Bladen CC	103,372	79,000	76.4	76.4	76.2	76.3	76.5
Blue Ridge CC	163,140	120,402	73.8	75.0	75.3	75.5	77.2
Brunswick CC	145,957	111,311	76.3	76.3	76.3	77.1	82.1
Caldwell CC & TI	198,740	151,461	76.2	76.2	76.2	76.2	76.2
Cape Fear CC	221,912	148,124	66.7	68.7	69.2	69.0	69.0
Carteret CC	172,834	131,818	76.3	75.9	76.3	76.3	77.4
Catawba Vy. CC	274,863	202,697	73.7	73.8	73.8	74.0	74.9
C. Carolina CC	228,129	168,628	73.9	76.9	76.9	77.1	77.1
C. Piedmont CC*	1,382,574	562,017	40.7	39.3	38.6	38.4	38.2
Cleveland CC	192,334	135,751	70.6	70.6	70.1	74.6	75.4
Coastal Car. CC	243,416	177,146	72.8	74.4	74.4	72.4	72.4
Col. Albemarle	184,196	119,091	64.7	64.8	70.6	71.5	71.5
Craven CC	152,266	105,737	69.4	69.4	72.1	72.1	72.1
Davidson Co. CC	211,332	147,011	69.6	69.5	69.5	69.5	69.5
Durham TCC	237,027	170,315	71.9	71.8	72.0	72.0	73.6
Edgecombe CC	162,094	106,993	66.0	66.0	64.3	64.3	64.3
Fayettev'le TCC	448,298	321,746	71.8	72.3	72.0	72.0	72.8
Forsyth TCC	444,080	324,221	73.0	74.6	74.5	74.1	74.1
Gaston Col.	365,950	254,433	69.5	69.3	69.3	69.7	69.7
Guilford TCC	609,500	442,334	72.6	71.7	71.3	71.1	72.0
Halifax CC	132,607	96,610	72.9	72.9	73.9	73.9	74.0
Haywood CC	294,484	226,216	76.8	78.3	78.1	78.1	78.1
Isothermal CC	220,057	169,036	76.8	77.0	76.1	76.1	77.3
J. Sprunt CC	117,601	86,453	73.5	73.5	74.3	74.5	75.6
Johnston CC	200,098	149,491	74.7	75.0	75.0	77.8	78.0
Lenoir CC	224,062	173,585	77.5	77.5	77.4	78.6	77.6

*Beginning in 1985, the net-to-gross for this institution was affected by a change in the way parking decks were reported. See page 81.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross %				
			1991	1990	1989	1988	1987
Community Colleges:							
Martin CC	217,105	165,506	76.2	73.4	73.3	73.3	73.3
Mayland CC	82,161	59,447	72.4	72.2	71.9	73.5	70.5
McDowell TCC	95,881	72,456	75.6	75.6	75.6	75.6	75.6
Mitchell CC	246,514	176,390	71.6	72.4	72.3	72.1	72.1
Montgomery CC	72,452	50,518	69.7	69.7	68.3	68.5	68.1
Nash CC	183,084	133,392	72.9	72.0	72.0	72.0	71.6
Pamlico CC	40,198	28,725	71.5	71.5	71.5	71.5	71.5
Piedmont CC	117,486	98,184	83.6	83.6	83.6	83.8	85.9
Pitt CC	200,624	145,015	72.3	73.4	74.7	74.7	75.7
Randolph CC	205,980	156,999	76.2	78.2	78.9	79.1	79.7
Richmond CC	158,864	113,949	71.7	71.8	71.8	72.7	76.1
Roanoke-Cho. CC	137,175	101,223	73.8	70.1	70.1	70.3	70.3
Robeson CC	183,243	136,227	74.3	74.3	74.3	75.5	75.8
Rockingham CC	269,195	192,840	71.6	71.6	71.2	72.4	74.4
Rowan-Cab. CC	227,528	165,776	72.9	76.4	76.4	76.4	76.4
Sampson CC	117,646	87,516	74.4	74.4	74.6	74.6	73.0
Sandhills CC	275,945	200,250	72.6	72.5	73.4	73.2	73.2
Southeastern CC	171,005	128,180	75.0	74.5	74.5	74.2	74.2
Southwestern CC	194,728	143,013	73.4	73.4	72.5	72.5	76.8
Stanly CC	100,311	73,728	73.5	73.5	73.6	73.6	73.4
Surry CC	182,076	133,845	73.5	73.5	73.5	73.5	73.9
Tri-County CC	103,973	82,943	79.8	79.8	79.8	78.8	78.8
Vance-Granv. CC	202,332	134,928	66.7	66.2	66.2	63.7	63.3
Wake TCC	404,110	276,534	68.4	70.5	70.6	70.8	72.3
Wayne CC	298,369	210,013	70.4	70.7	70.8	79.5	79.4
W. Piedmont CC	195,113	133,900	68.6	68.6	68.6	69.6	69.6
Wilkes CC	223,482	165,536	74.1	74.1	74.1	74.0	74.1
Wilson TCC	165,740	117,409	70.8	70.8	70.8	71.0	71.8
TOTAL	13,228,738	9,139,292	69.1	68.9	69.4	69.5	69.6

TABLE 14:
PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY SUMMARY PROGRAMS AND SUBPROGRAMS

- All colleges and universities conduct a wide range of activities in pursuit of their missions as institutions of higher education. The Program Classification Structure, developed by the National Center for Higher Education Management Statistics in 1978, attempts to categorize these activities.

The structure divides all of an institution's activities into ten major categories, called programs. Each program is divided into various subprograms. Virtually every activity and square foot of assignable space can be related to one of these subprograms.

Table 14 reports for each institution the percentage of total assignable area which is classified under each program. Tables 14a-14d indicate these percentages for the subprograms. Definitions of the programs and subprograms are provided in the narratives which precede the tables.

In Tables 14 and 14a-14d, the percentages relate the assignable square footage of the specified program or subprogram to the total assignable area for the institution. For Table 14, these percentages should in theory add to exactly 100.0, but in some cases they do not because of rounding. In Tables 14a-14d, the sums of the percentages reported for the subprograms comprising a certain program should in theory equal the percentage for that program as reported in Table 14. Again, they sometimes do not because of the rounding of the subprogram percentages.

PROGRAM DEFINITIONS

The descriptions of programs and subprograms which precede Tables 14-14d are excerpted from Program Classification Structure: Technical Report 106 by Douglas J. Collier.

10 Instruction Program. This program includes activities carried out for the express purpose of eliciting some measure of educational change in a learner or group of learners. An instructional activity need not be eligible for credit in meeting specified formal curricular requirements leading to a post-secondary degree or certificate.

20 Research Program. Any activity intended to produce one or more research outcomes--including the creation of knowledge, the organization of knowledge, and the application of knowledge--is included within this program. A research activity may be conducted with institutional funds or under the terms of agreement with an agency external to the institution.

30 Public Service. The Public Service Program includes activities established to make available to the public the various resources and capabilities of the institution for the specific purpose of responding to a community need or solving a community problem.

40 Academic Support Program. Any activity carried out in direct support of one or more of the Instruction (10), Research (20), and Public Service (30) Programs is classified as Academic Support.

50 Student Service Program. The objective of the Student Service Program is to contribute to the emotional and physical well-being of the students, as well as to their intellectual, cultural, and social development outside of the context of the institution's formal Instruction Program.

60 Institutional Administration Program. This program consists of those activities carried out to provide for both the day-to-day functioning and the long-range viability of the institution as an operating organization. The ultimate goal of the Institutional Administration Program is to provide for the institution's organizational effectiveness and continuity.

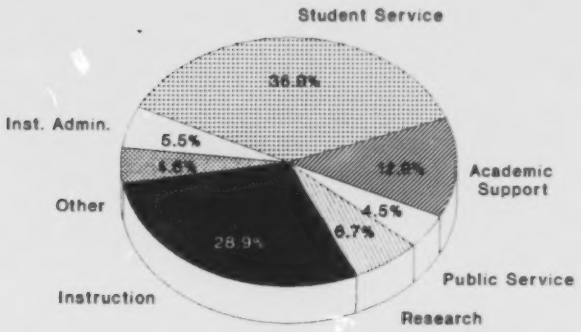
70 Physical Plant Operations Program. Activities related to maintaining existing grounds and facilities, providing utility services, and planning and designing future plant expansions and modifications are included within the Physical Plant Operations Program.

80 Student Financial Support Program. This program includes only the financial assistance provided to students in the form of outright grants, trainee stipends, and prizes, awarded by and/or administered through the institution. Although it is part of the Program Classification Structure, this program applies only to funds and not to space or activities. It is not, therefore, used in facilities inventories.

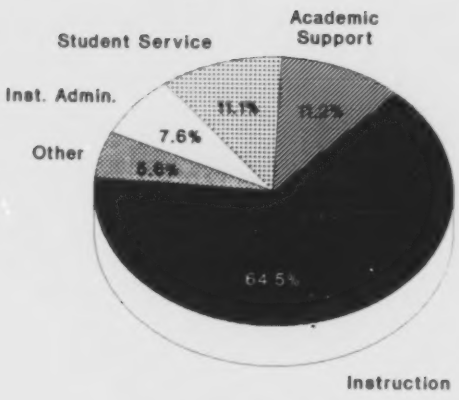
90 Independent Operations Program. Those institutional activities that are owned or controlled by the institution as investments, and which are financed as part of the institution's current operations, comprise the Independent Operations Program.

00 Unassigned. Facilities that are not in use at the time of the inventory are classified under this program. It is unique to facilities management and is not included in the Program Classification Structure.

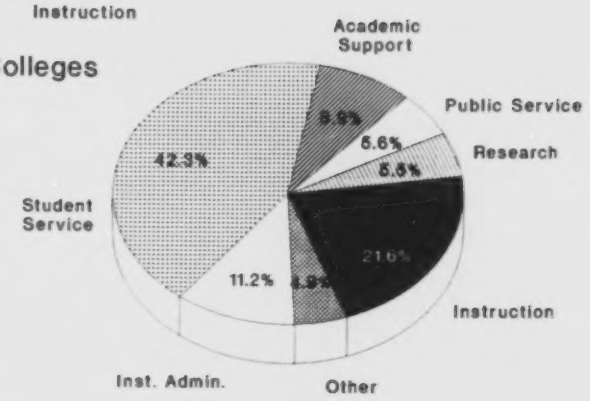
PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY SUMMARY PROGRAMS



University of North Carolina Campuses
and UNC Hospitals at Chapel Hill



Community Colleges



Private Institutions

100

Percentage Distribution of Assignable Area by Summary Programs

Table 14

INSTITUTION	Assignable Sq. Ft.	Instruction 10	Research 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns. 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unassigned 00
Research Universities I:											
NC State	4,539,013	27.3	19.5	3.6	9.0	32.4	3.6	1.8	-	0.5	2.2
NC State Vet.	228,913	31.4	30.4	23.4	10.3	3.2	0.9	0.5	-	-	-
UNC-Chapel Hill	4,637,649	23.3	3.7	1.4	19.0	39.4	6.0	2.2	-	3.7	1.2
UNC-Health Aff.	1,361,535	31.3	28.5	7.3	22.5	3.1	0.3	0.3	-	4.3	2.5
SUBTOTAL	10,767,110	26.2	14.1	3.5	15.0	31.1	4.2	1.7	-	2.4	1.8
Doctoral Granting Universities II:											
UNC-Greensboro	1,801,430	27.0	3.3	<0.1	13.7	44.0	8.0	1.5	-	-	2.6
Comprehensive I Universities:											
Appalachian	2,015,539	32.9	0.3	0.6	10.3	48.0	4.8	2.8	-	0.1	0.3
East Carolina	2,155,824	31.4	2.4	0.7	10.5	47.4	6.0	1.4	-	0.2	0.1
ECU-Health Aff.	446,143	58.9	4.5	17.9	13.2	-	4.1	1.4	-	-	-
Fayetteville	599,442	35.7	0.1	0.4	13.3	39.6	8.4	2.3	-	0.3	-
NC A & T	1,541,144	32.7	6.8	0.8	15.6	33.9	4.8	1.2	-	0.5	3.6
NC Central	1,015,857	33.8	1.2	0.1	14.4	41.6	5.9	0.7	-	0.1	2.2
UNC-Charlotte	1,678,027	30.9	4.3	-	9.5	49.2	5.0	0.9	-	-	0.3
UNC-Wilmington	1,009,414	21.9	2.3	-	14.7	48.8	7.9	1.2	-	0.6	2.5
West'n Carolina	1,606,030	26.0	0.9	0.1	14.0	43.6	8.9	1.3	-	3.7	1.5
SUBTOTAL	12,067,420	31.7	2.5	1.0	12.4	43.0	6.1	1.5	-	0.7	1.2
Comprehensive II Universities:											
Elizabeth City	562,472	34.3	-	3.2	8.2	42.6	9.2	1.3	-	0.2	1.1
Pembroke	485,308	39.3	-	0.4	8.6	40.4	9.7	1.6	-	-	-
UNC-Asheville	496,786	34.3	0.5	1.8	12.7	34.4	5.5	1.8	-	1.4	7.7
Winston-Salem	614,288	31.9	0.4	0.2	9.9	38.4	9.3	1.6	-	0.1	8.1
SUBTOTAL	2,158,854	34.7	0.2	1.4	9.8	39.0	8.5	1.6	-	0.4	4.4
Specialized Institution:											
NC Sch. of Arts	422,007	44.3	-	5.5	6.8	32.2	5.2	0.6	-	0.5	4.9
Teaching Hospitals:											
UNC Hosp. at C. Hill	723,295	0.3	-	98.1	-	-	<0.1	0.1	-	-	1.5
Community Colleges:											
SUBTOTAL	9,139,292	64.5	-	1.3	11.2	11.1	7.6	2.1	-	0.6	1.6
PRIVATE INSTITUTIONS											
Major Research Universities:											
SUBTOTAL	7,745,983	14.9	14.6	14.7	11.4	31.4	6.3	2.1	-	3.0	1.6
Gen. Baccalaureate Colleges:											
SUBTOTAL	11,594,054	25.3	0.1	0.1	7.5	48.2	14.8	1.8	-	0.6	1.4
Junior Colleges:											
SUBTOTAL	1,300,631	28.0	-	0.1	6.9	53.9	8.6	1.8	-	0.3	0.4
GRAND TOTAL	57,720,076	31.9	5.2	4.4	11.2	34.7	7.9	1.8	-	1.2	1.6

Percentage Distribution of Assignable Area by Summary Programs

Table 14

INSTITUTION	Assignable Sq. Ft.	In-struc-tion	Re-search	Public Serv.	Acad. Spt.	Stud. Serv.	Inst. Admin.	Phys. Plt. Opns.	Stud. Fin. Spt.	Indep. Opns.	Unas-signed
		10	20	30	40	50	60	70	80	90	00
Community Colleges:											
Alamance CC	138,552	72.5	-	1.3	9.9	5.9	6.3	3.1	-	-	0.9
Anson CC	46,212	63.9	-	0.9	13.4	10.8	5.5	3.5	-	-	1.9
Ashev'le-Bun. TCC	289,234	73.7	-	0.3	9.0	5.2	6.9	0.9	-	-	4.0
Beaufort Co. CC	99,225	59.9	-	0.3	10.7	11.4	10.3	5.7	-	-	1.6
Bladen CC	79,000	56.4	-	-	9.2	19.2	6.5	-	-	0.9	7.8
Blue Ridge CC	120,402	59.5	-	0.3	15.3	13.1	5.1	6.5	-	0.1	-
Brunswick CC	111,311	48.1	-	0.1	10.9	12.3	7.9	0.3	-	2.3	17.9
Caldwell CC & TI	151,461	64.4	-	-	12.9	13.9	8.6	0.2	-	-	0.1
Cape Fear CC	148,124	67.6	-	0.3	12.9	10.3	8.6	0.1	-	0.1	-
Carteret CC	131,818	52.5	-	0.1	11.8	6.3	16.3	0.4	-	12.6	-
Catawba Vy. CC	202,697	70.9	-	0.1	10.5	7.9	9.9	-	-	0.7	-
C. Carolina CC	168,628	66.4	-	0.8	8.6	6.9	3.2	2.4	-	10.9	0.8
C. Piedmont CC	562,017	72.8	-	<0.1	11.3	7.5	6.9	1.4	-	-	0.1
Cleveland CC	135,751	63.7	-	2.9	13.9	10.3	6.9	1.9	-	-	0.5
Coastal Car. CC	177,146	72.3	-	0.1	11.1	9.3	5.0	2.1	-	-	<0.1
Col. Albemarle	119,091	58.1	-	14.4	11.5	9.0	5.7	1.4	-	-	-
Craven CC	105,737	74.3	-	0.1	12.8	7.8	5.0	-	-	-	-
Davidson Co. CC	147,011	62.3	-	1.3	18.4	8.2	6.2	2.6	-	1.0	-
Durham TCC	170,315	66.4	-	0.1	11.5	7.3	10.1	3.0	-	1.6	-
Edgecombe CC	106,993	59.2	-	0.2	13.2	12.7	6.0	-	-	-	8.6
Fayettev'le TCC	321,746	59.8	-	4.5	10.7	13.3	9.0	2.5	-	0.2	-
Forsyth TCC	324,221	71.8	-	0.2	8.9	10.9	5.3	2.6	-	0.1	0.1
Gaston Col.	254,433	68.2	-	3.6	10.0	10.5	6.8	0.8	-	-	-
Guilford TCC	442,334	70.7	-	1.8	9.2	9.8	6.3	1.9	-	-	0.3
Halifax CC	96,610	58.5	-	3.1	10.9	14.9	9.6	3.0	-	-	-
Haywood CC	226,216	67.8	-	0.6	6.7	7.6	4.3	4.0	-	0.1	8.9
Isothermal CC	169,036	74.2	-	0.6	7.1	8.3	7.5	2.4	-	-	-
J. Sprunt CC	86,453	68.8	-	0.7	5.7	13.4	7.1	4.4	-	-	-
Johnston CC	149,491	63.4	-	0.9	9.5	17.6	4.6	4.0	-	-	-
Lenoir CC	173,585	61.9	-	0.3	16.4	7.3	9.1	0.3	-	-	4.8
Martin CC	165,506	41.1	-	0.3	9.9	34.9	4.0	2.2	-	0.3	7.2
Mayland CC	59,447	53.8	-	0.5	19.6	10.4	13.3	2.4	-	-	-
McDowell TCC	72,456	73.0	-	0.3	9.7	6.5	7.7	2.9	-	-	-
Mitchell CC	176,390	58.6	-	0.1	9.9	17.5	9.3	1.0	-	0.1	3.6
Montgomery CC	50,518	68.1	-	-	10.6	9.1	7.6	2.3	-	-	2.2
Nash CC	133,392	77.0	-	2.5	4.3	5.6	5.3	5.4	-	-	-
Pamlico CC	28,725	57.9	-	0.8	18.7	9.2	9.3	4.0	-	-	-
Piedmont CC	98,184	50.2	-	15.7	8.8	7.2	13.7	3.3	-	1.2	-
Pitt CC	145,015	66.3	-	0.2	20.2	5.4	5.9	1.8	-	-	0.2
Randolph CC	156,999	66.7	-	0.1	11.1	11.4	10.2	0.5	-	-	-
Richmond CC	113,949	62.1	-	0.8	13.4	10.6	11.6	1.5	-	-	-
Roanoke-Cho. CC	101,223	64.6	-	0.2	8.5	7.6	5.9	4.1	-	-	9.0
Robeson CC	136,227	58.2	-	-	9.9	19.4	10.8	1.4	-	-	0.2
Rockingham CC	192,840	68.9	-	0.9	9.5	11.1	8.4	0.9	-	<0.1	0.2
Rowan-Cab. CC	165,776	68.1	-	-	14.1	9.8	4.3	3.7	-	-	-
Sampson CC	87,516	61.0	-	-	15.0	12.3	11.6	0.1	-	-	-
Sandhills CC	200,250	58.7	-	0.1	12.6	18.0	7.5	2.8	-	<0.1	0.2
Southeastern CC	128,180	67.8	-	0.8	11.1	11.5	7.9	1.0	-	-	-
Southwestern CC	143,013	50.9	-	2.4	10.0	23.1	9.7	2.0	-	1.1	0.9
Stanly CC	73,728	67.0	-	0.2	7.7	14.7	9.6	0.7	-	-	-
Surry CC	133,845	69.0	-	0.2	10.2	13.5	4.6	2.4	-	-	-
Tri-County CC	82,943	63.9	-	-	8.3	12.6	15.2	-	-	-	-
Vance-Granv. CC	134,928	58.3	-	15.5	10.8	5.2	9.7	0.7	-	-	-
Wake TCC	276,534	57.6	-	-	16.0	10.3	10.2	3.1	-	-	2.8
Wayne CC	210,013	60.1	-	0.4	12.1	11.1	5.7	4.8	-	-	5.7
W. Piedmont CC	133,900	56.1	-	<0.1	13.0	10.7	8.0	3.8	-	-	8.3
Wilkes CC	165,536	49.7	-	<0.1	11.9	25.1	8.7	0.7	-	3.8	-
Wilson TCC	117,409	67.5	-	1.0	14.4	6.8	7.8	2.6	-	-	-
TOTAL	9,139,292	64.5	-	1.3	11.2	11.1	7.6	2.1	-	0.6	1.6

TABLE 14a:
INSTRUCTION, RESEARCH AND PUBLIC SERVICE SUBPROGRAMS

Table 14a indicates the percentages of institutional square footage under the Instruction, Research, and Public Service Subprograms.

The definitions of these subprograms follow. Subprograms which are described but which are not included in Table 14a had no square footage assigned to them by institutions.

11 General Academic Instruction. This subprogram includes those instructional offerings intended both to prepare learners, in a generalized sense, to function in a number of different occupations and to prepare them for further academic study. Instructional offerings of this general academic nature are classified in this subprogram only if they are offered as part of one of the institution's formal degree or certificate programs.

12 Vocational/Technical Instruction. This subprogram includes those instructional offerings intended to prepare learners for immediate entry into a specific occupation or career. Instructional offerings are classified in this subprogram only if they are offered as part of one of the institution's formal degree or certificate programs.

13 Requisite Preparatory/Remedial Instruction. This category includes those instructional offerings carried out to provide the learner with the skills or knowledge required by the institution to undertake course work leading to a postsecondary degree or certificate.

14 General Studies. This subprogram includes those instructional offerings that are not part of one of the institution's formal postsecondary degree or certificate programs and that are intended to provide the learner with knowledge, skills, and attitudes typically associated with an academic discipline (such as literature, mathematics, philosophy).

15 Occupational-Related Instruction. This subprogram includes those instructional offerings that are not carried out as part of a formal certificate or degree program but that are offered to provide the learner with knowledge, skills, and background related to a specific occupation or career.

16 Social Roles/Interaction Instruction. This subprogram includes those instructional offerings that are not carried out as part of a certificate or degree program but that are offered to provide the learner with knowledge, skills, and background needed to function as a member of society or to interact with the variety of social institutions. It also includes those offerings that deal with the person as a member of a particular social organization or institution.

17 Home and Family Life Instruction. This subprogram includes those instructional offerings that are not offered as part of a certificate or degree program, but which are carried out to provide the learner with knowledge, skills, and capabilities related to the establishment, maintenance, and improvement of a home; to the carrying out of those functions typically associated with the conduct of a household; or to the person's responsibilities as a member of the family unit.

18 Personal Interest and Leisure Instruction. This subprogram includes those instructional activities that are not offered as part of a certificate or degree program, but which are carried out to support an individual's recreational or avocational pursuits or to improve his or her day-to-day living skills.

21 Institutes and Research Centers. This subprogram includes all research activities conducted within the framework of a formal research organization except for those conducted under the 21 federally funded research centers. (There are no federally funded research centers in North Carolina.)

22 Individual or Project Research. This subprogram includes those research activities that normally are managed within the academic departments. Such research activities usually have a stated goal or purpose, have projected outcomes, and generally are created for specific time periods as a result of a contract, grant, or specific time allocation of institutional resources. Research which is carried out as an instructional activity, however, is classified under the appropriate Instructional Subprogram.

31 Direct Patient Care. This subprogram includes those activities carried out for the specific purpose of providing direct patient care (prevention, diagnosis, treatment, education, rehabilitation, and so forth). These services are typically rendered under the auspices of a teaching hospital or health-sciences center and are provided for the benefit of a clientele in the community-at-large rather than for the institution's own student body or faculty and staff.

32 Health Care Supportive Services. This subprogram includes those activities that are unique to a teaching hospital, health-science center, or clinic and that directly support the provision of health care, but which cannot themselves legitimately be considered part of the provision of direct patient care.

33 Community Services. This subprogram consists of resources, services, and expertise made available to persons and groups outside of the context of the institution's regular Instruction, Research, and support programs that are not included in the other Public Service Subprograms (i.e., 31, 32, 34, and 35). Activities within this subprogram differ from those under Cooperative Extension Services (34) in that they are generally sponsored and controlled by the institution; extension services usually involve a sharing of programmatic and fiscal control with an outside agency.

34 Cooperative Extension Services. This subprogram includes those activities that make resources, services, and expertise available outside the Instruction, Research, and support programs and that are conducted as cooperative efforts with outside agencies. A distinguishing feature of the activities included in this subprogram is that programmatic and fiscal control is usually shared with one or more external agencies or governmental units.

35 Public Broadcasting Services. This subprogram includes the operation and maintenance of broadcasting services that are operated outside the context of the institution's Instruction, Research, and support programs. Excluded from this category are broadcasting services that are conducted primarily in support of instruction, broadcasting services that are primarily operated as a student-broadcasting club, and broadcasting activities that are independent operations.

Instruction, Research & Public Service Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18
Research Universities I:								
NC State	27.2	-	<0.1	-	<0.1	-	-	-
NC State Vet.	31.4	-	-	-	-	-	-	-
UNC-Chapel Hill	22.5	-	<0.1	0.3	0.6	-	-	-
UNC-Health Aff.	30.7	-	<0.1	<0.1	0.6	-	-	-
SUBTOTAL	25.7	-	<0.1	0.1	0.3	-	-	-
Doctoral Granting Universities II:								
UNC-Greensboro	26.9	-	0.1	-	-	-	-	-
Comprehensive I Universities:								
Appalachian	29.4	-	-	3.5	-	-	-	-
East Carolina	31.4	-	-	-	-	-	-	-
ECU-Health Aff.	58.9	-	-	-	-	-	-	-
Fayetteville	35.0	-	-	0.6	-	-	-	-
NC A & T	32.7	-	<0.1	-	-	-	-	-
NC Central	33.7	-	0.1	-	-	<0.1	-	-
UNC-Charlotte	30.9	-	-	-	-	-	-	-
UNC-Wilmington	21.6	-	-	-	0.3	-	-	-
West'n Carolina	25.7	-	<0.1	0.1	0.1	0.1	-	-
SUBTOTAL	31.0	-	<0.1	0.6	<0.1	<0.1	-	-
Comprehensive II Universities:								
Elizabeth City	33.4	-	0.9	-	-	-	-	-
Pembroke	39.1	-	0.2	-	-	-	-	-
UNC-Asheville	34.3	-	-	-	-	-	-	-
Winston-Salem	31.1	-	0.9	-	-	-	-	-
SUBTOTAL	34.2	-	0.5	-	-	-	-	-

Instruction, Research & Public Service Subprograms

Table 14a

Inst. & Res. Ctrs.	Indiv. Project Res.	Direct Patient Care	Health Care Svc.	Commu-nity Svc.	Coop. Exten. Svc.	Public Broad. Svc.	INSTITUTION
21	22	31	32	33	34	35	
							Research Univ. I:
0.4	19.2	-	-	1.5	2.1	0.1	NC State
-	30.4	9.9	13.4	-	-	-	NC State Vet.
0.1	3.7	-	-	1.2	-	0.1	UNC-Chapel Hill
2.5	26.0	2.6	4.4	0.3	-	-	UNC-Health Aff.
0.5	13.6	0.5	0.8	1.2	0.9	0.1	SUBTOTAL
							Doctoral Granting Universities II:
-	3.3	-	-	<0.1	-	-	UNC-Greensboro
							Comprehensive I Universities:
-	0.3	-	-	0.6	-	-	Appalachian
0.3	2.1	-	<0.1	0.6	-	0.1	East Carolina
-	4.5	6.2	10.2	1.4	-	-	ECU-Health Aff.
-	0.1	-	-	0.4	-	<0.1	Fayetteville
0.2	6.6	-	-	0.2	0.5	0.1	NC A & T
0.5	0.6	-	-	0.1	-	-	NC Central
0.8	3.5	-	-	-	-	-	UNC-Charlotte
1.2	1.1	-	-	-	-	-	UNC-Wilmington
-	0.9	-	-	0.1	-	<0.1	West'n Carolina
0.3	2.2	0.2	0.4	0.3	0.1	<0.1	SUBTOTAL
							Comprehensive II Universities:
-	-	-	-	2.9	-	0.3	Elizabeth City
-	-	-	-	0.4	-	-	Pembroke
0.2	0.4	-	-	1.8	-	-	UNC-Asheville
-	0.4	-	-	0.2	-	<0.1	Winston-Salem
<0.1	0.2	-	-	1.3	-	0.1	SUBTOTAL

Instruction, Research & Public Service Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen'l Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.
	11	12	13	14	15	16	17	18
Specialized Institution:								
NC Sch. of Arts	44.3	-	-	-	-	-	-	-
Teaching Hospitals:								
UNC Hosp. at C.H.	0.3	-	-	-	-	-	-	-
Community Colleges:								
SUBTOTAL	7.1	49.7	0.7	2.9	3.0	0.2	0.2	0.6
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	14.7	-	0.1	0.1	<0.1	-	-	--
Gen. Baccalaureate Colleges:								
SUBTOTAL	25.2	-	0.1	<0.1	<0.1	-	-	-
Junior Colleges:								
SUBTOTAL	27.9	-	<0.1	-	-	-	-	-
GRAND TOTAL	22.5	7.9	0.2	0.6	0.5	<0.1	<0.1	0.1

Instruction, Research & Public Service Subprograms

Table 14a

Inst. & Res. Ctrs.	Indiv. Project Res.	Direct Patient Care	Health Care Svc.	Commu-nity Svc.	Coop. Exten. Svc.	Public Broad. Svc.	INSTITUTION
21	22	31	32	33	34	35	
							Specialized Institution:
-	-	-	-	5.5	-	-	NC Sch. of Arts
							Teaching Hospital:
-	-	30.3	67.9	-	-	-	UNC Hosp. at C.H.
							Community Colleges:
-	-	-	-	1.3	<0.1	<0.1	SUBTOTAL
			PRIVATE INSTITUTIONS				
							Major Research Universities:
-	14.6	4.6	10.1	-	-	<0.1	SUBTOTAL
							Gen. Baccalaureate Colleges:
-	0.1	-	-	0.1	-	-	SUBTOTAL
							Junior Colleges:
-	-	-	-	0.1	-	-	SUBTOTAL
0.2	5.1	1.1	2.4	0.6	0.2	<0.1	GRAND TOTAL

Instruction, Research & Public Service Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Commu-nity Svc. 33
Community Colleges:									
Alamance CC	0.1	60.3	0.5	2.1	9.5	-	-	-	1.3
Anson CC	6.2	50.8	0.2	6.4	0.4	-	-	-	0.9
Ashev'le-Bun. TCC	-	62.5	-	1.5	8.1	-	-	1.6	0.3
Beaufort Co. CC	-	56.7	-	3.1	-	-	-	-	0.3
Bladen CC	-	43.7	0.1	1.4	10.4	-	0.8	-	-
Blue Ridge CC	-	54.0	0.8	1.3	3.4	-	-	-	0.3
Brunswick CC	-	41.9	0.1	3.0	2.3	-	0.8	-	0.1
Caldwell CC & TI	9.6	53.3	1.5	-	-	-	-	-	-
Cape Fear CC	0.5	63.2	0.2	2.4	1.2	-	-	-	0.3
Carteret CC	0.1	48.1	0.1	2.1	0.1	-	-	2.1	0.1
Catawba Vy. CC	0.3	61.2	1.0	1.3	5.3	-	-	1.7	0.1
C. Carolina CC	-	62.1	<0.1	1.5	2.8	-	-	-	0.8
C. Piedmont CC	12.0	55.0	1.9	3.5	0.5	-	-	-	<0.1
Cleveland CC	9.7	48.5	-	0.6	0.9	-	3.9	-	2.9
Coastal Car. CC	19.0	42.3	1.1	1.0	8.5	-	0.4	-	0.1
Col. Albemarle	15.6	35.0	0.7	6.6	0.3	-	-	-	14.4
Craven CC**	6.7	61.1	0.3	6.1	-	-	-	-	-
Davidson Co. CC	19.1	37.4	2.5	2.2	-	-	1.2	-	1.3
Durham TCC	0.2	60.1	-	5.6	0.5	-	-	-	0.1
Edgecombe CC	2.9	49.8	-	3.4	1.6	-	1.5	-	0.2
Fayettev'le TCC	-	49.9	0.2	7.2	2.5	-	-	-	4.5
Forsyth TCC	0.1	58.9	0.9	5.6	1.9	-	0.3	4.1	0.2
Gaston Col.	17.9	48.7	0.2	0.7	0.7	-	-	-	3.6
Guilford TCC*	3.3	53.2	1.6	5.2	5.7	0.2	-	1.6	1.8
Halifax CC	11.3	41.5	2.1	0.3	0.8	0.4	-	2.1	3.1
Haywood CC	-	54.9	-	1.2	4.3	-	-	7.3	0.6
Isothermal CC**	29.2	38.0	1.3	3.1	1.0	-	0.4	1.1	-
J. Sprunt CC	3.2	60.7	0.4	1.8	2.7	-	-	-	0.7
Johnston CC	-	62.9	-	0.6	-	-	-	-	0.9
Lenoir CC*	25.9	32.3	-	1.4	1.5	-	0.8	-	0.2

*34 (Coop. Exten. Svc.): Guilford TCC - <0.1, Lenoir CC - 0.1, Pitt CC - 0.2
Subtotal - <0.1

Instruction, Research & Public Service Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Commu-nity Svc. 33
Community Colleges:									
Martin CC	6.7	33.5	0.6	0.3	-	-	-	-	0.3
Mayland CC	-	51.7	0.2	1.8	<0.1	-	-	-	0.5
McDowell TCC	1.7	64.2	0.4	2.0	4.6	-	-	-	0.3
Mitchell CC	19.5	21.2	-	14.9	3.0	-	-	-	0.1
Montgomery CC	-	68.1	-	-	-	-	-	-	-
Nash CC	0.9	37.7	1.1	-	36.3	0.5	0.5	-	2.5
Pamlico CC	-	57.9	-	-	-	-	-	-	0.8
Piedmont CC	-	44.6	0.5	2.2	2.9	-	-	-	15.7
Pitt CC*	6.0	56.9	1.0	2.3	-	-	-	-	-
Randolph CC	-	59.3	-	1.1	6.3	-	-	-	0.1
Richmond CC	-	53.2	-	8.0	0.6	0.3	-	-	0.8
Roanoke-Cho. CC	-	40.4	0.7	1.8	2.5	17.1	-	2.1	0.2
Robeson CC	-	54.7	-	2.4	1.1	-	-	-	-
Rockingham CC	30.8	32.0	-	1.6	4.5	-	-	-	0.9
Rowan-Cab. CC	-	65.2	-	0.7	2.1	-	-	-	-
Sampson CC	-	48.9	2.3	6.8	-	-	2.9	-	-
Sandhills CC	23.1	30.9	0.9	0.4	3.3	-	-	-	0.1
Southeastern CC	15.1	48.1	2.2	2.5	-	-	-	-	0.8
Southwestern CC	-	46.9	0.7	2.2	-	-	-	1.0	2.4
Stanly CC**	-	64.6	-	-	2.4	-	-	-	-
Surry CC	20.5	42.7	1.0	0.1	4.7	-	-	-	0.2
Tri-County CC	4.4	53.7	-	4.7	-	-	0.9	0.2	-
Vance-Granv. CC	5.0	46.8	0.6	4.5	1.2	-	-	0.2	15.5
Wake TCC	0.5	51.6	-	2.7	2.8	-	-	-	-
Wayne CC	7.7	43.3	-	7.2	1.9	-	-	-	0.4
W. Piedmont CC	23.4	27.9	-	2.8	1.9	-	-	-	<0.1
Wilkes CC	14.5	34.6	-	0.6	-	-	-	-	<0.1
Wilson TCC	0.1	58.4	4.2	0.7	3.3	-	0.7	-	1.0
TOTAL	7.1	49.7	0.7	2.9	3.0	0.2	0.2	0.6	1.3

**35 (Public Broad. Svc.): Craven CC - 0.1, Isothermal CC - 0.6, Stanly CC - 0.2, Subtotal - <0.1

TABLE 14b:
ACADEMIC SUPPORT SUBPROGRAMS

Table 14b indicates the percentages of institutional square footage under each of the Academic Support Subprograms.

The definitions of these subprograms follow. Subprograms which are described but which are not included in Table 14b had no square footage assigned to them by institutions.

41 Library Services. This subprogram includes those activities that directly support the collection, cataloging, storage, and distribution of published materials in support of one or more of the institution's primary programs. This subprogram applies only to library services which are separately funded; departmental libraries are included under the appropriate Instruction Subprogram.

42 Museums and Galleries. This subprogram includes those activities related to the collection, preservation, and exhibition of historical materials, art objects, scientific displays, and so forth, that support one or more of the institution's primary programs. This subprogram applies only to museums and galleries which are separately funded; departmental libraries are included under the appropriate Instruction Subprogram.

43 Educational Media Services. This subprogram includes those audio, visual, and other technological services that have been established to provide direct support for the institution's Instruction, Research, and Public Service Programs.

44 Academic Computer Support. This subprogram includes those computer services that have been established to provide direct support for one or more of the institution's primary programs. It does not include administrative data-processing services and computing support.

45 Ancillary Support. This subprogram includes those activities that directly contribute to the way in which instruction is delivered or research is conducted but that cannot be appropriately classified as educational media services or academic computing support.

46 Academic Administration. This subprogram consists of those activities that provide administrative and management support specifically for the institution's academic programs. It includes the activities of the college deans, the administrative activities of departmental chairpersons, and the activities of their associated support staff, but it does not include the activities of those whose responsibilities are institution-wide and involve duties outside of the academic realm.

47 Course and Curriculum Development. This subprogram includes only those formal planning and development activities established either to improve or to add to the institution's curriculum. Those activities that individual faculty members carry out to update and improve their current course offerings are included under the appropriate Instruction Subprogram.

48 Academic Personnel Development. This subprogram includes those activities that provide the faculty with opportunities for personal and professional growth and development, as well as those activities intended to evaluate and reward the professional performance of the faculty.

Table 14b

Academic Support Subprograms

INSTITUTION	Libr. Svcs. 41	Museums & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Research Universities I:								
NC State	5.7	-	0.2	0.5	<0.1	2.6	-	-
NC State Vet.	5.3	-	1.0	0.1	-	3.8	-	-
UNC-Chapel Hill	13.4	0.5	0.3	0.4	0.6	3.7	-	0.1
UNC-Health Aff.	4.8	-	0.5	0.2	4.0	12.9	0.1	0.1
SUBTOTAL	8.9	0.2	0.3	0.4	0.8	4.4	<0.1	<0.1
Doctoral Granting Universities II:								
UNC-Greensboro	7.7	1.6	1.1	1.1	0.7	1.6	-	-
Comprehensive I Universities:								
Appalachian	5.6	1.0	0.4	0.4	0.6	2.0	0.2	0.1
East Carolina	6.2	0.4	0.3	0.1	2.1	1.5	-	-
ECU-Health Aff.	10.4	-	0.4	-	0.5	2.0	-	-
Fayetteville	8.9	0.4	0.8	0.2	1.0	2.1	-	-
NC A & T	7.0	0.4	0.2	0.3	4.3	3.4	-	-
NC Central	9.0	0.4	0.5	0.4	1.2	2.8	-	-
UNC-Charlotte	6.0	0.1	0.5	0.5	-	2.5	-	-
UNC-Wilmington	12.1	<0.1	-	0.1	-	2.5	-	0.1
West'n Carolina	7.5	0.6	0.6	0.1	3.9	1.3	-	0.1
SUBTOTAL	7.4	0.4	0.4	0.2	1.7	2.2	<0.1	<0.1
Comprehensive II Universities:								
Elizabeth City	5.7	0.1	0.1	0.3	0.8	1.1	-	-
Pembroke	5.6	1.4	0.3	0.1	-	1.1	-	-
UNC-Asheville	10.0	0.5	1.1	0.9	-	0.2	-	-
Winston-Salem	5.3	1.4	0.1	0.9	0.4	1.9	-	-
SUBTOTAL	6.6	0.9	0.4	0.6	0.3	1.1	-	-

Table 14b

Academic Support Subprograms

INSTITUTION	Libr. Svcs. 41	Museums & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Specialized Institution:								
NC Sch. of Arts	4.3	0.7	0.1	0.1	0.6	1.1	-	-
Teaching Hospitals:								
UNC Hosp. at C.H.	-	-	-	-	-	-	-	-
Community Colleges:								
SUBTOTAL	7.5	0.1	1.0	0.1	1.0	1.5	<0.1	-
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	7.6	0.4	0.2	0.3	<0.1	2.9	-	<0.1
Gen. Baccalaureate Colleges:								
SUBTOTAL	6.0	0.4	0.2	0.1	0.3	0.4	-	<0.1
Junior Colleges:								
SUBTOTAL	5.9	0.5	-	0.1	-	0.5	-	-
GRAND TOTAL	7.3	0.4	0.4	0.3	0.8	2.1	<0.1	<0.1

Table 14b

Academic Support Subprograms

INSTITUTION	Libr. Svcs.	Museums & Galleries	Educ. Media Svcs.	Acad. Comput. Spt.	Ancil-lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
Community Colleges:								
Alamance CC	4.8	-	0.7	0.2	3.0	1.3	-	-
Anson CC	9.0	-	0.5	0.2	-	3.7	-	-
Ashev'le-Bun. TCC	2.6	-	0.2	0.1	5.4	0.8	-	-
Beaufort Co. CC	8.3	-	0.8	-	-	1.6	-	-
Bladen CC	7.1	-	0.3	-	-	1.8	-	-
Blue Ridge CC	9.4	0.1	2.2	-	2.5	1.1	-	-
Brunswick CC	7.8	-	1.3	-	0.3	1.6	-	-
Caldwell CC & TI	7.8	-	1.4	-	-	3.7	-	-
Cape Fear CC	9.6	-	1.6	0.3	-	1.4	-	-
Carteret CC	4.6	-	1.0	-	5.0	1.1	-	-
Catawba Vy. CC	5.9	0.2	1.3	-	0.5	2.7	-	-
C. Carolina CC	7.0	-	0.7	-	-	0.9	-	-
C. Piedmont CC	8.0	-	1.4	-	1.2	0.7	-	-
Cleveland CC	10.4	0.4	1.4	-	-	1.8	-	-
Coastal Car. CC	9.3	0.3	1.0	0.2	-	0.4	-	-
Col. Albemarle	8.3	0.6	0.5	-	-	2.0	-	-
Craven CC	10.0	-	1.6	-	-	1.2	-	-
Davidson Co. CC	10.9	-	2.0	0.1	3.5	1.9	-	-
Durham TCC	7.0	-	1.4	-	-	2.9	0.2	-
Edgecombe CC	9.3	-	1.5	0.3	-	2.1	-	-
Fayettev'le TCC	4.8	-	1.5	-	-	4.3	-	-
Forsyth TCC	5.4	-	0.4	0.4	-	2.7	-	-
Gaston Col.	4.2	0.2	-	0.2	4.8	0.5	-	-
Guilford TCC	6.7	-	0.7	-	-	1.7	0.1	-
Halifax CC	9.3	-	0.4	-	-	1.2	-	-
Haywood CC	3.4	0.2	0.7	-	1.8	0.7	-	-
Isothermal CC	6.2	-	0.1	-	-	0.8	-	-
J. Sprunt CC	4.3	-	-	-	-	1.3	-	-
Johnston CC	5.6	-	2.4	-	-	1.5	-	-
Lenoir CC	11.9	1.6	1.1	-	-	1.8	-	-

Table 14b

Academic Support Subprograms

INSTITUTION	Libr. Svcs.	Museums & Galleries	Educ. Media Svcs.	Acad. Comput. Spt.	Ancil-lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
Community Colleges:								
Martin CC	8.6	-	-	-	-	1.2	-	-
Mayland CC	16.3	-	1.5	-	-	1.8	-	-
McDowell TCC	7.0	0.8	-	-	1.6	0.2	-	-
Mitchell CC	6.6	0.7	0.7	-	-	1.9	-	-
Montgomery CC	6.4	-	-	-	3.7	0.5	-	-
Nash CC	2.9	-	-	-	-	1.3	-	-
Pamlico CC	14.9	-	2.0	0.3	-	1.5	-	-
Piedmont CC	7.2	-	0.6	0.1	-	0.9	-	-
Pitt CC	14.0	-	2.1	-	3.1	0.7	0.3	-
Randolph CC	7.9	-	1.6	-	-	1.7	-	-
Richmond CC	10.0	-	1.5	0.6	-	1.3	-	-
Roanoke-Cho. CC	6.2	-	-	-	1.1	1.2	-	-
Robeson CC	7.5	-	1.4	-	-	1.0	-	-
Rockingham CC	6.4	0.7	0.6	-	1.0	0.9	-	-
Rowan-Cab. CC	10.4	-	0.9	-	-	2.7	-	-
Sampson CC	10.9	-	-	-	-	4.1	-	-
Sandhills CC	9.4	0.6	1.5	-	-	1.1	-	-
Southeastern CC	8.3	-	0.7	0.2	1.6	0.4	-	-
Southwestern CC	5.7	-	1.7	-	-	2.6	-	-
Stanly CC	6.7	-	0.2	-	-	0.9	-	-
Surry CC	8.7	-	1.0	0.1	-	0.3	-	-
Tri-County CC	7.7	-	-	-	-	0.6	-	-
Vance-Granv. CC	7.3	-	-	0.2	2.0	1.2	-	-
Wake TCC	9.9	-	2.4	0.2	2.7	0.8	-	-
Wayne CC	9.3	-	1.5	-	-	1.2	0.2	-
W. Piedmont CC	9.0	-	1.4	-	-	2.6	-	-
Wilkes CC	6.4	1.3	1.1	-	2.0	1.2	-	-
Wilson TCC	6.0	-	2.0	-	4.6	1.8	-	-
TOTAL	7.5	0.1	1.0	0.1	1.0	1.5	<0.1	-

TABLE 14c:
STUDENT SERVICE AND PHYSICAL PLANT OPERATIONS SUBPROGRAMS

Table 14c indicates the percentages of institutional square footage under the Student Service and Physical Plant Operations Subprograms.

The definitions of these subprograms follow. Subprograms which are described but which are not included in Table 14c had no square footage assigned to them by institutions.

51 Student Service Administration. This subprogram includes those administrative activities that provide assistance and support (excluding academic support) to the needs and interests of students.

52 Social and Cultural Development. This subprogram includes those activities established to provide for the social and cultural development of the student outside of the formal academic program. It includes those activities primarily supported and controlled by the student body, those cultural activities provided outside the student's educational experience, and general recreation activities for the student body.

53 Counseling and Career Guidance. This subprogram includes those formal placement, career guidance, and personal counseling services provided for the benefit of students. Excluded are psychiatric and psychological counseling services that are carried out as part of the student health program.

54 Financial Aid Administration. This subprogram includes those administrative activities carried out in support of the institution's financial aid program.

55 Student Auxiliary Services. This subprogram includes those conveniences and services needed to maintain an on-campus, resident student body. A fee which is related to but not necessarily equal to the cost of the service rendered is often charged for these services.

56 Intercollegiate Athletics. This subprogram includes those team and individual sports activities that involve competition between two or more educational institutions.

57 Student Health/Medical Services. This subprogram includes those activities carried out for the specific purpose of providing health and medical services for the student body. The activities included here generally are associated with a student infirmary rather than a teaching hospital. Health and medical services provided for the institution's faculty and staff are also included in this subprogram.

71 Physical Plant Administration. This subprogram consists of those administrative activities carried out in direct support of the institution's physical plant operations. Those activities related to the development of plans for plant expansion or modification as well as for new construction are also included.

72 Building Maintenance. This subprogram consists of those activities related to routine repair and maintenance of buildings and structures, including both normally recurring repairs and preventive maintenance.

73 Custodial Services. This subprogram consists of those activities related to custodial services in institutional buildings.

74 Utilities. This subprogram consists of those activities related to heating, cooling, light and power, gas, water, and any other utilities necessary for the operation of the physical plant.

75 Landscape and Ground Maintenance. This subprogram consists of those activities related to the operation and maintenance of campus landscape and grounds.

76 Major Repairs and Renovations. This subprogram consists of those activities related to major repairs, maintenance, and renovation projects. Major projects are generally defined as each institution wishes. Expenditures which approximate at least 25% of a building's estimated replacement cost should be considered major.

Student Service and Physical Plant Operations Subprograms

Table 14c

INSTITUTION	Stud. Svc. Admin.	Social/ Cultur. Devel.	Couns/ Career Guid.	Finan. Aid Admin.	Student Auxiliary Service	Inter-colleg. Athl.	Stud. Health/ Med. Svc.	Physical Plant Admin.	Build-ing Maint.	Custo-dial Svcs.	Util-ities	Landscp. Grounds Maint.
	51	52	53	54	55	56	57	71	72	73	74	75
Research Universities I:												
NC State	0.2	2.7	0.2	0.1	25.8	3.2	0.3	0.4	0.8	<0.1	0.5	0.1
NC State Vet.	-	0.1	-	-	3.2	-	-	-	0.3	0.2	-	-
UNC-Chapel Hill	0.2	2.7	0.2	0.1	28.7	7.5	<0.1	0.4	1.0	0.2	0.5	0.2
UNC-Health Aff.	0.1	<0.1	<0.1	<0.1	0.4	-	2.5	-	-	0.3	-	-
SUBTOTAL	0.2	2.3	0.2	0.1	23.3	4.6	0.5	0.4	0.8	0.1	0.4	0.1
Doctoral Granting Universities II:												
UNC-Greensboro	0.3	4.6	0.5	0.2	36.1	1.5	0.8	0.6	0.4	0.1	0.1	-
Comprehensive I Universities:												
Appalachian	0.2	8.2	0.3	0.1	36.6	1.8	0.7	1.5	0.7	<0.1	0.5	-
East Carolina	0.1	5.6	0.3	0.2	38.0	2.7	0.5	0.3	0.9	0.1	-	0.1
ECU-Health Aff.	-	-	-	-	-	-	-	<0.1	1.4	-	-	-
Fayetteville	0.1	6.2	1.1	0.8	29.7	1.0	0.7	-	1.7	-	-	0.6
NC A & T	0.2	3.8	0.7	0.2	27.5	1.1	0.4	0.2	0.9	<0.1	0.1	<0.1
NC Central	0.2	5.4	0.4	0.3	31.4	3.3	0.5	0.1	0.5	-	-	0.1
UNC-Charlotte	0.2	3.6	0.3	0.1	44.2	0.2	0.5	0.2	0.7	0.1	-	-
UNC-Wilmington	0.4	6.9	0.5	0.2	34.9	5.7	0.2	0.4	0.7	-	0.1	-
West'n Carolina	0.1	6.2	0.5	0.1	33.8	2.6	0.4	0.3	0.7	0.2	<0.1	-
SUBTOTAL	0.2	5.5	0.4	0.2	34.1	2.1	0.5	0.5	0.8	0.1	0.1	0.1
Comprehensive II Universities:												
Elizabeth City	0.2	6.7	0.3	0.5	32.3	1.7	0.9	0.7	0.6	-	-	-
Pembroke	0.2	9.2	0.6	0.2	29.1	0.3	0.7	0.6	0.9	<0.1	-	0.1
UNC-Asheville	0.1	3.3	0.4	0.2	28.3	1.7	0.3	0.3	0.8	0.1	0.2	0.5
Winston-Salem	0.5	5.9	0.6	0.4	28.3	2.3	0.5	0.3	0.7	0.1	0.2	0.3
SUBTOTAL	0.3	6.3	0.5	0.3	29.5	1.6	0.6	0.5	0.7	0.1	0.1	0.2
Specialized Institution:												
NC Sch. of Arts	0.2	7.1	0.1	0.2	24.0	-	0.6	<0.1	0.5	-	-	-
Teaching Hospitals:												
UNC Hosp. at C. Hill	-	-	-	-	-	-	-	-	0.1	-	-	-
Community Colleges:												
SUBTOTAL	0.4	4.9	1.0	0.2	4.7	<0.1	<0.1	0.1	1.6	<0.1	<0.1	0.3
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	0.1	3.8	0.1	0.1	24.1	3.0	0.3	0.4	1.0	0.2	0.3	0.1
Gen. Baccalaureate Colleges:												
SUBTOTAL	0.3	7.9	0.2	0.2	36.8	2.5	0.4	0.2	1.3	0.1	0.1	0.1
Junior Colleges:												
SUBTOTAL	0.4	8.3	0.2	0.1	41.9	2.1	0.9	0.2	1.4	0.2	-	<0.1
GRAND TOTAL	0.2	5.1	0.4	0.1	26.2	2.3	0.4	0.3	1.0	0.1	0.2	0.1

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Student Service and Physical Plant Operations Subprograms

Table 14c

INSTITUTION	Stud. Svc. Admin.	Social/ Cultur. Devel.	Couns/ Career Guid.	Finan. Aid Admin.	Student Auxiliary Service	Inter-colleg. Athl.	Stud. Health/ Med. Svc.	Physical Plant Admin.	Build-ing Maint.	Custo-dial Svcs.	Util-ities	Landscp. Grounds Maint.
	51	52	53	54	55	56	57	71	72	73	74	75
Community Colleges:												
Alamance CC	0.7	<0.1	0.2	0.5	4.4	-	-	0.4	2.7	-	-	-
Anson CC	0.3	6.1	0.7	0.4	3.2	-	-	-	3.5	-	-	-
Ashev'le-Bun. TCC	<0.1	2.1	0.2	0.1	2.8	-	-	0.3	0.4	-	-	0.3
Beaufort Co. CC	0.2	5.5	1.5	0.1	4.1	-	-	-	5.7	-	-	-
Bladen CC	0.8	15.8	1.2	-	1.4	-	-	-	-	-	-	-
Blue Ridge CC	0.1	4.1	0.9	-	8.0	-	-	-	5.0	-	-	1.5
Brunswick CC	1.7	1.8	0.3	0.3	8.3	-	-	-	0.3	-	-	-
Caldwell CC & TI	0.1	8.4	0.9	<0.1	4.4	-	-	-	0.1	-	-	0.1
Cape Fear CC	0.8	3.0	1.7	0.3	4.6	-	-	-	-	-	-	0.1
Carteret CC	0.5	2.0	0.2	0.1	3.6	-	-	0.2	0.2	-	-	-
Catawba Vy. CC	0.1	3.4	1.6	0.1	2.7	-	-	-	-	-	-	-
C. Carolina CC	0.8	0.3	0.7	0.1	5.0	-	-	2.4	-	-	-	-
C. Piedmont CC	0.6	1.8	1.6	0.3	3.2	-	-	0.2	0.7	0.1	0.1	0.3
Cleveland CC	0.9	6.4	0.1	0.1	2.8	-	-	0.1	1.8	-	-	-
Coastal Car. CC	<0.1	2.4	1.6	0.1	5.2	-	-	-	2.1	-	-	-
Col. Albemarle	1.2	5.7	0.2	0.4	1.5	-	-	-	1.4	-	-	-
Craven CC	0.1	3.4	1.0	0.2	3.1	-	-	-	-	-	-	-
Davidson Co. CC	0.2	2.6	0.4	0.2	4.9	-	-	0.1	2.5	-	-	-
Durham TCC	0.2	1.3	1.4	0.2	4.3	-	-	-	2.3	<0.1	-	0.6
Edgecombe CC	0.4	10.9	0.4	-	0.9	-	-	-	-	-	-	-
Fayettev'le TCC	0.8	6.3	1.2	0.1	4.8	-	0.1	0.4	1.5	0.3	-	0.3
Forsyth TCC	-	4.0	0.7	0.1	6.1	-	-	0.1	2.5	-	-	-
Gaston Col.	0.2	5.7	0.5	0.1	3.9	-	0.1	-	0.5	-	-	0.4
Guilford TCC	0.1	4.2	0.8	0.1	4.5	-	<0.1	-	1.5	<0.1	-	0.5
Halifax CC	0.2	5.2	1.6	0.3	7.5		-	0.1	2.7	0.1	-	-
Haywood CC	0.5	1.5	0.4	0.1	5.1	-	-	0.1	1.6	<0.1	-	2.4
Isothermal CC	0.3	3.8	0.7	0.2	3.4	-	-	0.5	1.1	0.4	0.4	-
J. Sprunt CC	0.6	4.4	1.9	0.4	6.1	-	-	-	4.4	-	-	-
Johnston CC	0.4	11.7	0.4	0.1	5.0	-	-	-	3.9	<0.1	-	-
Lenoir CC	0.1	2.0	0.1	0.2	3.6	1.3	-	-	0.3	-	-	-
Martin CC	0.3	30.4	0.8	0.1	3.4	-	-	0.2	2.1	-	-	-
Mayland CC	0.5	0.3	0.3	0.4	8.8	-	-	-	2.4	-	-	-
McDowell TCC	0.4	0.1	1.9	0.2	3.7	-	0.2	-	0.5	-	-	2.4
Mitchell CC	0.2	10.7	0.6	0.3	5.7	-	-	0.3	0.7	-	-	-
Montgomery CC	0.2	3.5	0.6	0.2	4.7	-	-	-	2.3	-	-	-
Nash CC	0.8	0.5	0.9	0.1	3.3	-	-	-	5.3	0.1	-	-
Pamlico CC	1.1	-	1.1	-	7.0	-	-	-	4.0	-	-	-
Piedmont CC	1.4	0.4	0.1	-	5.2	-	-	-	3.3	-	-	-
Pitt CC	1.3	0.1	0.6	0.3	3.1	-	-	-	1.8	-	-	-
Randolph CC	0.8	2.8	1.6	0.1	6.1	-	-	0.4	0.1	-	-	-
Richmond CC	0.4	4.5	1.8	0.1	3.7	-	0.1	-	1.5	-	-	-
Roanoke-Cho. CC	0.2	2.0	0.6	0.2	4.6	-	-	-	-	-	-	4.1
Robeson CC	0.7	10.3	1.3	0.2	7.0	-	-	-	1.4	-	-	-
Rockingham CC	0.2	6.9	0.3	0.1	3.6	-	-	0.1	0.6	-	-	0.2
Rowan-Cab. CC	-	-	1.0	-	8.8	-	-	-	3.6	0.1	-	-
Sampson CC	0.2	3.9	0.6	0.2	7.4	-	-	0.1	-	-	-	-
Sandhills CC	0.1	7.9	1.8	0.2	8.0	-	-	-	2.2	0.1	0.1	0.5
Southeastern CC	0.4	3.7	1.4	0.2	5.8	-	-	0.4	0.6	-	-	-
Southwestern CC	0.3	15.5	0.6	0.1	6.6	-	-	-	2.0	-	-	-
Stanly CC	0.1	6.0	0.8	0.1	7.7	-	-	0.1	0.6	-	-	-
Surry CC	0.1	3.1	2.3	0.1	7.8	-	-	0.1	2.4	-	-	-
Tri-County CC	0.9	7.2	0.2	0.1	4.2	-	-	-	-	-	-	-
Vance-Granv. CC	0.2	-	1.1	0.2	3.7	-	-	-	0.7	-	-	-
Wake TCC	0.4	1.7	2.7	0.2	5.1	-	0.1	<0.1	2.9	-	-	0.2
Wayne CC	0.3	5.6	0.3	0.4	4.5	-	0.1	-	4.8	-	-	-
W. Piedmont CC	0.8	4.1	0.6	0.2	4.9	-	<0.1	0.2	2.5	0.1	-	1.0
Wilkes CC	0.1	20.4	1.2	0.1	3.2	-	-	0.1	0.5	0.1	-	-
Wilson TCC	0.4	2.0	0.8	0.1	3.2	-	0.3	0.1	2.4	0.1	-	-
TOTAL	0.4	4.9	1.0	0.2	4.7	<0.1	<0.1	0.1	1.6	<0.1	<0.1	0.3

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TABLE 14d:
INSTITUTIONAL ADMINISTRATION, INDEPENDENT OPERATIONS, AND UNASSIGNED SUBPROGRAMS

Table 14d indicates the percentages of institutional square footage under the Institutional Administration, Independent Operations, and Unassigned Subprograms. The definitions of these subprograms follow.

61 Executive Management. This subprogram consists of those executive-level activities concerned with the overall management of and long-range planning for the entire institution. Included are the activities of the various administrators involved in policy formulation and executive direction, including those of the governing board, the chief executive officer, and the senior executive officers.

62 Financial Management and Operations. This subprogram consists of those activities related to the day-to-day financial management and fiscal operations of the institution.

63 General Administration and Logistical Services. This subprogram consists of those activities related to the general administrative operations and services of the institution with the exception of those activities related to financial operations, to administrative data processing, and to student records.

64 Administrative Computing Support. This subprogram includes those computer and data processing services that have been established to provide support for institution-wide administrative functions.

65 Faculty and Staff Auxiliary Services. This subprogram includes those support services that have been established primarily to serve the faculty and staff. A fee which is related to but not necessarily equal to the cost of the service rendered is often charged for these services.

66 Public Relations/Development. This subprogram consists of those institutional activities established to maintain relations with the local community, the institution's alumni, governmental entities, and the public in general, as well as those activities carried out to support institution-wide fund raising and development efforts.

67 Student Recruitment and Admissions. This subprgram consists of those activities carried out by an institution that are related to the identification of prospective students, the promotion of attendance at the institution, and the processing of applications for admission to the institution.

68 Student Records. This subprogram includes those activities the institution carries out to maintain, handle, and update records for currently enrolled students as well as for those who were previously enrolled.

91 Independent Operations/Institutional. This subprogram includes those operations that are owned or controlled by the institution but that are unrelated to or independent of the institution's mission. Excluded are those operations managed as investments of the institution's endowment funds.

92 Independent Operations/External Agencies. This subprogram includes those activities that are controlled or operated by outside agencies, but that are housed or otherwise supported in some way by the institution.

01 Capable of Use. This subprogram is limited to rooms that are not in use but are capable of use at the time of the inventory.

02 Incapable of Use. This subprogram is limited to rooms that are not in use at the time of the inventory because they are incapable of use. Included are rooms under alteration or renovation and rooms which have been declared structurally unsafe.

Subprogram 03 (Building Service) is not included in this table (and is not considered as part of Program 00 in Table 14) because it applies to nonassignable area only.

Institutional Administration, Independent Operations & Unassigned Subprograms

Table 14d

INSTITUTION	Exec. Mgmt.	Fin. Mgmt. & Opns.	Gen. Adm. Log. Svc.	Admin. Comput. Spt.	Fac/Staff Aux. Svcs.	Public Rela/ Devel.	Stud. Recruit. Admiss.	Stud. Recd.	Indep. Opns. Inst.	Indep. Opns. Ext. Agency	Unassigned Usable	Unassigned Unusable
	61	62	63	64	65	66	67	68	91	92	01	02
Research Universities I:												
NC State	0.3	0.6	2.0	0.2	0.2	0.2	0.1	0.1	0.3	0.2	0.5	1.8
NC State Vet.	-	-	0.7	-	-	0.2	-	-	-	-	-	-
UNC-Chapel Hill	0.4	0.7	3.2	0.3	0.6	0.5	0.1	0.2	2.2	1.5	0.9	0.2
UNC-Health Aff.	-	-	0.2	-	<0.1	<0.1	<0.1	<0.1	1.0	3.2	1.9	0.6
SUBTOTAL	0.3	0.6	2.2	0.2	0.4	0.3	0.1	0.1	1.2	1.1	0.8	0.9
Doctoral Granting Universities II:												
UNC-Greensboro	0.7	0.4	5.1	0.4	0.3	0.9	0.2	-	-	-	-	2.6
Comprehensive I Universities:												
Appalachian	0.5	0.4	2.3	0.5	0.5	0.3	0.2	0.3	-	0.1	0.1	0.2
East Carolina	0.2	0.5	3.2	0.8	0.3	0.7	0.2	0.2	-	0.2	-	0.1
ECU-Health Aff.	-	-	2.7	-	-	1.4	-	-	-	-	-	-
Fayetteville	1.3	1.0	2.8	<0.1	2.4	0.2	0.3	0.3	<0.1	0.3	-	-
NC A & T	1.1	0.9	1.3	0.1	1.0	0.3	0.1	0.1	-	0.5	3.6	-
NC Central	0.6	0.5	2.6	0.7	1.0	0.2	0.2	0.1	-	0.1	0.8	1.4
UNC-Charlotte	0.8	0.5	2.1	0.3	0.7	0.2	0.3	0.1	-	-	0.3	-
UNC-Wilmington	1.1	1.0	3.2	0.4	1.3	0.4	0.3	0.2	-	0.6	--	2.5
West'n Carolina	0.6	0.3	3.3	0.3	3.3	0.6	0.2	0.2	0.1	3.6	0.1	1.3
SUBTOTAL	0.7	0.6	2.6	0.4	1.1	0.4	0.2	0.2	<0.1	0.7	0.6	0.5
Comprehensive II Universities:												
Elizabeth City	1.3	0.7	2.5	0.3	3.4	0.4	0.2	0.3	-	0.2	1.1	-
Pembroke	0.8	0.5	4.0	1.0	1.8	0.8	0.5	0.3	-	-	-	-
UNC-Asheville	1.0	0.8	1.4	<0.1	1.2	0.3	0.4	0.3	-	1.4	<0.1	7.7
Winston-Salem	0.7	1.0	2.7	0.5	2.0	1.8	0.3	0.3	-	0.1	3.5	4.6
SUBTOTAL	1.0	0.8	2.7	0.4	2.1	0.9	0.3	0.3	-	0.4	1.3	3.1
Specialized Institution:												
NC Sch. of Arts	0.7	0.3	1.0	0.1	2.3	0.5	0.2	0.2	0.5	-	<0.1	4.9
Teaching Hospitals:												
UNC Hosp. at C. H.	-	-	<0.1	-	-	-	-	-	-	-	0.1	1.4
Community Colleges:												
SUBTOTAL	1.3	1.0	3.4	0.3	0.5	0.3	0.3	0.5	0.3	0.3	0.6	1.0
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	0.3	0.3	2.8	0.3	1.7	0.7	0.2	0.1	1.9	1.1	-	1.6
Gen. Baccalaureate Colleges:												
SUBTOTAL	0.7	0.5	5.6	0.2	6.4	0.8	0.4	0.2	0.2	0.4	0.8	0.6
Junior Colleges:												
SUBTOTAL	0.6	0.5	2.2	<0.1	3.8	0.7	0.5	0.2	-	0.3	<0.1	0.4
GRAND TOTAL	0.7	0.6	3.3	0.3	2.1	0.5	0.3	0.2	0.6	0.7	0.6	1.1

Institutional Administration, Independent Operations & Unassigned Subprograms

Table 14d

INSTITUTION	Exec. Mgmt.	Fin. Mgmt. & Opns.	Gen. Adm. Log. Svc.	Admin. Comput. Spt.	Fac/Staff Aux. Svcs.	Public Rela/ Devel.	Stud. Recruit. Admiss.	Stud. Recd.	Indep. Opns. Inst.	Indep. Opns. Ext. Agency	Unassigned Usable	Unassigned Unusable
	61	62	63	64	65	66	67	68	91	92	01	02
Community Colleges:												
Alamance CC	1.3	1.2	1.8	0.1	0.8	0.5	0.2	0.4	-	-	0.1	0.9
Anson CC	1.0	1.5	1.4	0.8	-	0.1	-	0.7	-	-	1.9	-
Ashev'le-Bun. TCC	0.9	0.5	4.5	0.1	0.2	0.3	0.1	0.3	-	-	0.4	3.5
Beaufort Co. CC	2.2	1.1	4.7	0.2	0.4	0.4	0.4	0.9	-	-	1.6	-
Bladen CC	1.8	1.2	2.9	0.3	0.1	-	-	0.2	-	0.9	7.8	-
Blue Ridge CC	0.8	1.6	1.4	0.1	0.5	0.2	-	0.5	-	0.1	-	-
Brunswick CC	2.0	0.9	3.3	0.3	0.8	0.2	0.1	0.2	-	2.3	15.2	2.7
Caldwell CC & TI	0.7	1.2	4.9	0.3	-	0.2	1.0	0.3	-	-	-	0.1
Cape Fear CC	1.2	1.6	4.2	0.3	0.1	0.3	0.5	0.4	-	0.1	-	-
Carteret CC	1.5	0.6	13.6	0.2	0.2	-	-	0.2	-	12.6	-	-
Catawba Vy. CC	0.6	1.0	6.9	0.2	0.5	-	-	0.7	-	0.7	-	-
C. Carolina CC	1.1	0.8	0.5	-	0.1	-	-	0.7	10.9	-	-	0.8
C. Piedmont CC	0.5	0.9	2.4	0.4	0.6	0.6	-	1.5	-	-	-	0.1
Cleveland CC	1.8	0.6	3.1	-	0.7	0.5	0.1	0.3	-	-	0.5	-
Coastal Car. CC	1.1	1.0	1.6	0.2	0.6	0.1	0.1	0.5	-	-	<0.1	-
Col. Albemarle	1.3	1.1	1.9	0.2	0.3	0.2	0.1	0.5	-	-	-	-
Craven CC	1.1	1.2	1.7	-	0.3	0.4	-	0.4	-	-	-	-
Davidson Co. CC	1.5	0.8	1.1	0.5	1.5	0.3	0.2	0.5	-	1.0	-	-
Durham TCC	1.5	1.2	3.0	1.6	1.3	0.3	0.7	0.4	-	1.6	-	-
Edgecombe CC	2.1	0.7	1.8	-	0.2	0.1	0.5	0.5	-	-	6.3	2.3
Fayettev'le TCC	1.2	1.4	4.2	0.4	0.4	-	0.7	0.7	-	0.2	-	-
Forsyth TCC	1.6	0.5	1.7	0.1	0.2	<0.1	0.7	0.5	-	0.1	0.1	-
Gaston Col.	1.1	0.5	4.4	-	0.3	0.2	0.2	0.2	-	-	-	-
Guilford TCC	1.3	0.7	2.5	0.3	0.5	0.2	0.4	0.4	-	-	0.3	-
Halifax CC	1.1	0.8	4.7	0.4	0.6	0.3	0.7	0.9	-	-	-	-
Haywood CC	0.9	0.4	1.4	0.1	0.2	0.1	0.9	0.2	-	0.1	-	8.9
Isothermal CC	1.3	1.1	3.6	0.3	0.2	0.2	0.2	0.6	-	-	-	-
J. Sprunt CC	1.8	1.9	1.8	-	0.3	-	-	1.3	-	-	-	-
Johnston CC	0.6	0.7	2.5	0.1	0.3	-	0.1	0.2	-	-	-	-
Lenoir CC	0.8	1.4	4.4	0.2	0.8	-	1.1	0.5	-	-	-	4.8
Martin CC	0.6	0.6	1.5	0.9	0.2	-	-	0.2	-	0.3	-	7.2
Mayland CC	2.5	1.3	7.4	1.3	-	0.1	-	0.7	-	-	-	-
McDowell TCC	1.2	1.7	4.0	0.3	0.1	0.2	-	0.2	-	-	-	-
Mitchell CC	1.3	1.3	3.7	-	1.0	0.9	0.2	0.8	-	0.1	1.2	2.3
Montgomery CC	2.3	1.6	3.0	-	-	-	0.2	0.6	-	-	-	2.2
Nash CC	1.0	0.7	1.7	0.5	0.7	0.2	0.3	0.2	-	-	-	-
Pamlico CC	2.7	3.0	3.1	0.2	-	-	-	0.3	-	-	-	-
Piedmont CC	3.2	1.4	5.4	0.3	2.4	0.3	0.1	0.6	-	1.2	-	-
Pitt CC	0.7	0.9	2.2	0.7	0.6	0.2	-	0.7	-	-	0.2	-
Randolph CC	1.4	1.0	4.5	1.4	0.9	-	-	0.9	-	-	-	-
Richmond CC	3.9	1.1	5.1	0.1	0.2	0.5	0.1	0.6	-	-	-	-
Roanoke-Cho. CC	1.7	1.0	1.7	0.2	0.4	0.3	0.5	0.2	-	-	9.0	-
Robeson CC	1.5	1.2	5.2	0.4	0.4	0.1	1.3	0.8	-	-	0.2	-
Rockingham CC	1.1	1.0	3.8	0.6	0.8	0.3	0.4	0.4	-	<0.1	0.2	-
Rowan-Cab. CC	1.1	1.6	0.9	-	0.2	0.1	0.5	-	-	-	-	-
Sampson CC	3.0	2.3	4.4	0.3	-	0.2	0.2	1.3	-	-	-	-
Sandhills CC	1.1	0.3	2.3	0.4	2.6	0.2	0.3	0.4	-	<0.1	0.2	-
Southeastern CC	1.0	1.4	3.8	0.2	-	0.5	0.4	0.5	-	-	-	-
Southwestern CC	0.8	1.2	5.1	0.3	0.3	0.2	0.3	1.4	-	1.1	0.9	-
Stanly CC	3.3	1.3	2.2	0.2	-	0.7	0.5	1.5	-	-	-	-
Surry CC	0.5	1.0	1.8	0.5	0.6	0.1	0.1	-	-	-	-	-
Tri-County CC	0.8	0.7	13.3	0.1	-	-	-	0.4	-	-	-	-
Vance-Granv. CC	1.2	1.1	4.5	-	0.2	0.7	1.5	0.4	-	-	-	-
Wake TCC	1.8	0.5	4.9	0.6	1.1	0.3	0.3	0.7	-	-	0.1	2.7
Wayne CC	1.3	0.6	1.9	0.4	0.9	0.1	0.3	0.3	-	-	0.2	5.5
W. Piedmont CC	0.6	0.7	2.9	0.6	-	2.5	0.2	0.5	-	-	-	8.3
Wilkes CC	1.4	1.0	5.4	0.2	0.1	0.2	0.4	0.1	3.8	-	-	-
Wilson TCC	2.2	1.4	2.2	0.4	0.4	0.1	<0.1	1.0	-	-	-	-
TOTAL	1.3	1.0	3.4	0.3	0.5	0.3	0.3	0.5	0.3	0.3	0.6	1.0

TABLE 15:
ASSIGNABLE AREA BY ROOM CODES

Just as all assignable space can be categorized by program (Table 14), it can also be classified by type of room. A system of codes has been developed which includes virtually all types of rooms which can be found at a college or university. The room code system is summarized on page 118; specific definitions can be found in the Higher Education Facilities Commission's Facilities Inventory and Utilization Manual (fourth edition).

Table 15 provides percentage distributions among the ten major room code divisions. In theory, the sums of the percentages should always equal to 100.0, but they do not for some institutions because of rounding.

The data from the 1974 HEGIS facilities survey, conducted by the National Center for Education Statistics, serve as the basis for norms. The following chart reports these norms and summarizes the corresponding data from Table 15. These norms are not applicable to the public two-year institutions because they have almost no residential space. For these schools, the subtotal for "Community Colleges" in Table 15 may serve as a norm.

Room Code	Norm (%)	All N. C. Institutions 1991 (%)
Classroom (Series 100)	8.0	7.8
Laboratory (Series 200)	14.5	15.2
Office (Series 300)	13.0	16.4
Study (Series 400)	6.8	7.5
Special Use (Series 500)	8.9	8.8
General Use (Series 600)	12.0	12.6
Supporting (Series 700)	6.5	5.3
Health Care (Series 800)	1.4	2.6
Residential (Series 900)	26.7	22.2
Unclassified (Series 000)	2.2	1.6

ROOM CODES

100 Classroom Facilities
110 Classroom
115 Classroom Service

200 Laboratory Facilities
210 Class Laboratory
215 Class Laboratory Service
220 Special Class Laboratory
225 Special Class Laboratory Service
230 Individual Study Laboratory
235 Individual Study Laboratory Service
250 Nonclass Laboratory
255 Nonclass Laboratory Service

300 Office Facilities
310 Office
315 Office Service
350 Conference Room (Office Related)
355 Conference Room Service (Office Related)

400 Study Facilities
410 Reading/Study Room
420 Stack
430 Open Stack Reading Room
440 Processing Room
455 Study Service

500 Special Use Facilities
510 Armory
515 Armory Service
520 Athletic/Physical Education
523 Athletic Facilities Spectator Seating
525 Athletic/Physical Education Service
530 Audiovisual, Radio, TV
535 Audiovisual, Radio, TV Service
540 Clinic (Nonhealth Professions)
550 Demonstration
555 Demonstration Service
560 Field Building
570 Animal Quarters
575 Animal Quarters Service
580 Greenhouse
585 Greenhouse Service
590 Other

600 General Use Facilities
610 Assembly
615 Assembly Service
620 Exhibition
625 Exhibition Service
630 Food Facilities
635 Food Facilities Service
650 Lounge
655 Lounge Service
660 Merchandising Facilities
665 Merchandising Facilities Service
670 Recreation
675 Recreation Service
680 Meeting Room
685 Meeting Room Service
690 Locker Room

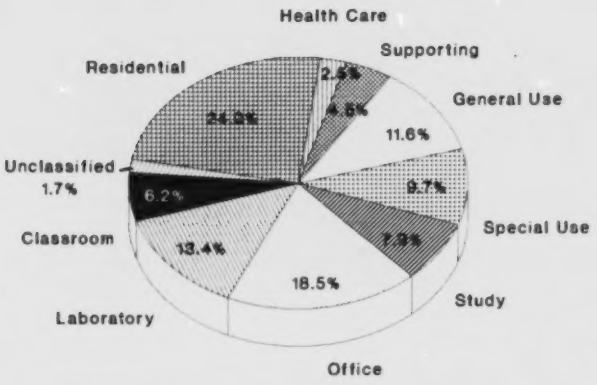
700 Supporting Facilities
710 Data Processing/Computer
715 Data Processing/Computer Service
720 Shop
725 Shop Service
730 Storage
735 Storage Service
740 Vehicle Storage Facility
745 Vehicle Storage Facility Service
750 Central Food Store
760 Central Laundry

800 Health Care Facilities
810 Patient Bedroom
820 Patient Bath
830 Nurse Station
840 Surgery
850 Treatment
860 Service Laboratory
870 Supplies
880 Public Waiting
895 Health Care Service

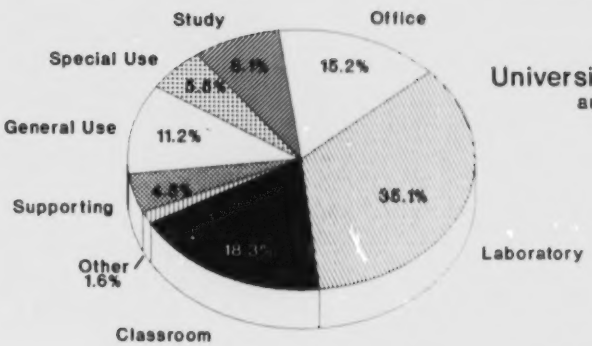
900 Residential Facilities
910 Sleep/Study without Toilet/Bath
919 Toilet/Bath
920 Sleep/Study with Toilet/Bath
935 Sleep/Study Service
950 Apartment
955 Apartment Service
970 House

000 Unclassified Facilities
050 Inactive Area
060 Alteration Area
070 Unfinished Area

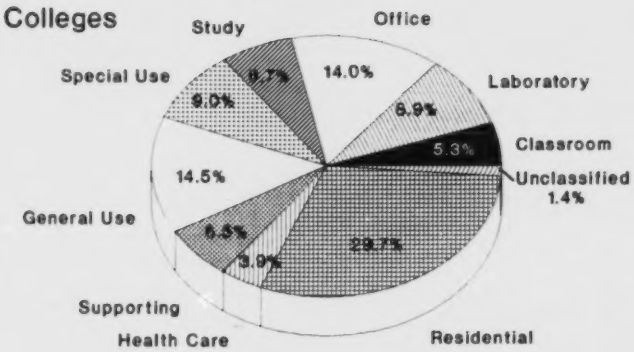
PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY ROOM CODES



University of North Carolina Campuses
and UNC Hospitals at Chapel Hill



Community Colleges



Private Institutions

Assignable Area by Room Codes

Table 15

INSTITUTION	Total Assignable Area	Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
		ASF	%	ASF	%	ASF	%	ASF	%
Research Univ. I:									
NC State	4,539,013	212,094	4.7	986,555	21.7	914,646	20.2	250,077	5.5
NC State Vet.	228,913	7,336	3.2	48,561	21.2	35,630	15.6	13,269	5.8
UNC-Chapel Hill	4,637,649	225,805	4.9	398,809	8.6	826,066	17.8	617,364	13.3
UNC-Health Aff.	1,361,535	55,369	4.1	446,381	32.8	513,563	37.7	68,209	5.0
SUBTOTAL	10,767,110	500,604	4.6	1,880,306	17.5	2,289,905	21.3	948,919	8.8
Doctoral Granting Universities II:									
UNC-Greensboro	1,801,430	119,579	6.6	172,791	9.6	328,559	18.2	143,498	8.0
Comprehensive I Universities:									
Appalachian	2,015,539	161,351	8.0	154,373	7.7	322,392	16.0	109,461	5.4
East Carolina	2,155,824	178,513	8.3	262,124	12.2	350,077	16.2	138,717	6.4
ECU-Health Aff.	446,143	30,251	6.8	120,410	27.0	123,064	27.6	38,872	8.7
Fayetteville	599,442	64,058	10.7	57,648	9.6	103,202	17.2	58,379	9.7
NC A & T	1,541,144	111,453	7.2	239,057	15.5	256,684	16.7	115,854	7.5
NC Central	1,015,857	103,242	10.2	85,207	8.4	168,603	16.6	108,894	10.7
UNC-Charlotte	1,678,027	92,343	5.5	247,554	14.8	263,982	15.7	127,762	7.6
UNC-Wilmington	1,009,414	62,647	6.2	79,824	7.9	168,175	16.7	117,655	11.7
West'n Carolina	1,606,030	91,812	5.7	130,713	8.1	204,322	12.7	117,019	7.3
SUBTOTAL	12,067,420	895,670	7.4	1,376,910	11.4	1,960,501	16.2	932,613	7.7
Comprehensive II Universities:									
Elizabeth City	562,472	39,500	7.0	64,794	11.5	78,181	13.9	38,690	6.9
Pembroke	485,308	47,542	9.8	40,303	8.3	79,451	16.4	31,832	6.6
UNC-Asheville	496,786	48,211	9.7	61,406	12.4	74,753	15.0	50,853	10.2
Winston-Salem	614,288	61,435	10.0	40,621	6.6	102,436	16.7	36,785	6.0
SUBTOTAL	2,158,854	196,688	9.1	207,124	9.5	334,821	15.5	158,160	7.3
Specialized Institution:									
NC Sch. of Arts	422,007	15,638	3.7	108,896	25.8	39,992	9.5	18,631	4.4
Teaching Hospital:									
UNC Hosp. at C. Hill	723,295	1,564	0.2	650	0.1	216,376	29.9	5,712	0.8
Community Colleges:									
SUBTOTAL	9,139,292	1,675,585	18.3	3,207,585	35.1	1,393,432	15.2	738,884	8.1
				PRIVATE INSTITUTIONS					
Major Research Universities:									
SUBTOTAL	7,745,983	245,033	3.2	985,220	12.7	1,609,352	20.8	585,953	7.6
Gen. Baccalaureate Colleges:									
SUBTOTAL	11,594,054	754,566	6.5	746,222	6.4	1,172,249	10.1	721,786	6.2
Junior Colleges:									
SUBTOTAL	1,300,631	94,530	7.3	107,177	8.2	117,304	9.0	77,520	6.0
GRAND TOTAL	57,720,076	4,499,457	7.8	8,792,881	15.2	9,462,491	16.4	4,331,676	7.5

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Assignable Area by Room Codes

Table 15

Special Use Facilities (500)		General Use Facilities (600)		Supporting Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	
												Research Univ. I:
512,375	11.3	379,248	8.4	201,775	4.4	11,351	0.3	969,630	21.4	101,262	2.2	NC State
50,536	22.1	11,080	4.8	9,925	4.3	52,576	23.0	-	-	-	-	NC State Vet.
523,598	11.3	549,828	11.9	286,353	6.2	-	-	1,155,765	24.9	54,061	1.2	UNC-Chapel Hill
75,646	5.6	46,634	3.4	33,561	2.5	94,692	7.0	430	<0.1	27,050	2.0	UNC-Health Aff.
1,162,155	10.8	986,790	9.2	531,614	4.9	158,619	1.5	2,125,825	19.7	182,373	1.7	SUBTOTAL
												Doctoral Granting Universities II:
101,758	5.6	284,619	15.8	101,649	5.6	9,633	0.5	492,036	27.3	47,308	2.6	UNC-Greensboro
												Comprehensive I Universities:
208,586	10.3	331,474	16.4	104,014	5.2	11,973	0.6	605,542	30.0	6,373	0.3	Appalachian
171,372	7.9	227,278	10.5	94,691	4.4	5,975	0.3	725,682	33.7	1,395	0.1	East Carolina
31,015	7.0	9,295	2.1	27,910	6.3	65,326	14.6	-	-	-	-	ECU-Health Aff.
46,721	7.8	92,109	15.4	27,852	4.6	3,891	0.6	145,582	24.3	-	-	Fayetteville
201,489	13.1	164,284	10.7	34,752	2.3	6,016	0.4	355,311	23.1	56,244	3.6	NC A & T
136,655	13.5	102,177	10.1	30,819	3.0	4,727	0.5	256,374	25.2	19,159	1.9	NC Central
99,289	5.9	222,397	13.3	37,591	2.2	6,779	0.4	580,330	34.6	-	-	UNC-Charlotte
102,162	10.1	131,057	13.0	33,439	3.3	1,166	0.1	288,262	28.6	25,027	2.5	UNC-Wilmington
199,147	12.4	252,000	15.7	73,456	4.6	4,279	0.3	512,024	31.9	21,258	1.3	West'n Carolina
1,196,436	9.9	1,532,071	12.7	464,524	3.8	110,132	0.9	3,469,107	28.7	129,456	1.1	SUBTOTAL
												Comprehensive II Universities:
68,950	12.3	93,736	16.7	15,323	2.7	4,862	0.9	158,237	28.1	199	<0.1	Elizabeth City
65,594	13.5	84,645	17.4	22,546	4.6	2,965	0.6	110,430	22.8	-	-	Pembroke
33,591	6.8	57,908	11.7	16,180	3.3	1,192	0.2	114,489	23.0	38,203	7.7	UNC-Asheville
67,385	11.0	90,893	14.8	26,441	4.3	2,500	0.4	138,259	22.5	47,533	7.7	Winston-Salem
235,520	10.9	327,182	15.2	80,490	3.7	11,519	0.5	521,415	24.2	85,935	4.0	SUBTOTAL
												Specialized Institution:
12,365	2.9	75,160	17.8	36,364	8.6	1,814	0.4	92,288	21.9	20,859	4.9	NC Sch. of Arts
												Teaching Hospitals:
1,730	0.2	41,395	5.7	46,864	6.5	394,718	54.6	4,349	0.6	9,937	1.4	UNC Hosp. at C. Hill
												Community Colleges:
507,055	5.5	1,027,503	11.2	439,992	4.8	1,761	<0.1	6,665	0.1	140,830	1.5	SUBTOTAL
						PRIVATE INSTITUTIONS						
												Major Research Universities:
491,141	6.3	829,142	10.7	476,613	6.2	748,487	9.7	1,649,561	21.3	125,481	1.6	SUBTOTAL
												Gen. Baccalaureate Colleges:
1,241,969	10.7	1,931,335	16.7	826,452	7.1	40,083	0.3	4,005,456	34.5	153,936	1.3	SUBTOTAL
												Junior Colleges:
134,633	10.4	235,846	18.1	45,201	3.5	10,381	0.8	472,273	36.3	5,766	0.4	SUBTOTAL
5,084,762	8.8	7,271,043	12.6	3,049,763	5.3	1,487,147	2.6	12,838,975	22.2	901,881	1.6	GRAND TOTAL

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Assignable Area by Room Codes

Table 15

INSTITUTION	Total Assignable Area	Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
		ASF	%	ASF	%	ASF	%	ASF	%
Community Colleges:									
Alamance CC	138,552	27,387	19.8	57,294	41.4	21,028	15.2	7,884	5.7
Anson CC	46,212	5,809	12.6	19,986	43.2	8,120	17.6	4,758	10.3
Ashev'le-Bun. TCC	289,234	74,956	25.9	113,756	39.3	36,797	12.7	8,709	3.0
Beaufort Co. CC	99,225	16,254	16.4	34,230	34.5	18,259	18.4	8,468	8.5
Bladen CC	79,000	9,066	11.5	32,316	40.9	9,494	12.0	5,240	6.6
Blue Ridge CC	120,402	21,645	18.0	43,751	36.3	13,710	11.4	10,734	8.9
Brunswick CC	111,311	16,169	14.5	25,660	23.1	16,639	14.9	13,869	12.5
Caldwell CC & TI	151,461	24,313	16.1	58,568	38.7	20,730	13.7	12,941	8.5
Cape Fear CC	148,124	19,957	13.5	65,537	44.2	30,642	20.7	13,067	8.8
Carteret CC	131,818	19,128	14.5	38,644	29.3	11,347	8.6	6,961	5.3
Catawba Vy. CC	202,697	36,709	18.1	86,365	42.6	28,432	14.0	17,661	8.7
C. Carolina CC	168,628	27,245	16.2	69,835	41.4	22,705	13.5	10,865	6.4
C. Piedmont CC	562,017	119,661	21.3	217,601	38.7	96,575	17.2	49,273	8.8
Cleveland CC	135,751	21,932	16.2	45,995	33.9	17,733	13.1	13,500	9.9
Coastal Car. CC	177,146	37,275	21.0	71,011	40.1	26,467	14.9	15,190	8.6
Col. Albemarle	119,091	17,930	15.1	38,046	31.9	17,975	15.1	13,635	11.4
Craven CC	105,737	27,308	25.8	38,395	36.3	14,593	13.8	14,397	13.6
Davidson Co. CC	147,011	28,301	19.3	42,485	28.9	23,288	15.8	16,094	10.9
Durham TCC	170,315	34,007	20.0	63,400	37.2	31,108	18.3	13,147	7.7
Edgecombe CC	106,993	22,874	21.4	33,109	30.9	15,827	14.8	9,608	9.0
Fayettev'le TCC	321,746	69,099	21.5	92,823	28.8	65,929	20.5	16,154	5.0
Forsyth TCC	324,221	67,142	20.7	124,393	38.4	48,814	15.1	20,469	6.3
Gaston Col.	254,433	53,348	21.0	95,411	37.5	32,845	12.9	12,415	4.9
Guilford TCC	442,334	93,562	21.2	171,613	38.8	68,983	15.6	30,132	6.8
Halifax CC	96,610	16,045	16.6	32,319	33.5	17,996	18.6	11,571	12.0
Haywood CC	226,216	17,706	7.8	102,154	45.2	25,138	11.1	7,228	3.2
Isothermal CC	169,036	25,115	14.9	60,418	35.7	20,170	11.9	11,792	7.0
J. Sprunt CC	86,453	13,694	15.8	33,313	38.5	18,435	21.3	4,368	5.1
Johnston CC	149,491	26,495	17.7	53,614	35.9	13,564	9.1	9,497	6.4
Lenoir CC	173,585	34,252	19.7	44,099	25.4	24,582	14.2	19,457	11.2
Martin CC	165,506	10,449	6.3	48,777	29.5	13,770	8.3	13,448	8.1
Mayland CC	59,447	11,785	19.8	16,505	27.8	11,215	18.9	8,531	14.4
McDowell TCC	72,456	15,938	22.0	32,192	44.4	11,076	15.3	5,251	7.2
Mitchell CC	176,390	32,769	18.6	49,773	28.2	22,421	12.7	14,350	8.1
Montgomery CC	50,518	5,733	11.3	25,912	51.3	6,638	13.1	3,043	6.0
Nash CC	133,392	31,290	23.5	57,450	43.1	22,106	16.6	4,392	3.3
Pamlico CC	28,725	4,363	15.2	11,183	38.9	4,488	15.6	3,916	13.6
Piedmont CC	98,184	15,044	15.3	28,134	28.7	15,280	15.6	7,377	7.5
Pitt CC	145,015	24,850	17.1	53,292	36.7	27,115	18.7	20,915	14.4
Randolph CC	156,999	32,785	20.9	61,842	39.4	25,133	16.0	9,826	6.3
Richmond CC	113,949	18,385	16.1	40,446	35.5	23,464	20.6	11,100	9.7
Roanoke-Cho. CC	101,223	14,375	14.2	46,149	45.6	11,896	11.8	7,992	7.9
Robeson CC	136,227	20,303	14.9	47,201	34.6	24,301	17.8	11,391	8.4
Rockingham CC	192,840	33,032	17.1	60,078	31.2	24,575	12.7	12,697	6.6
Rowan-Cab. CC	165,776	41,849	25.2	53,226	32.1	23,224	14.0	17,403	10.5
Sampson CC	87,516	13,673	15.6	30,330	34.7	18,449	21.1	10,424	11.9
Sandhills CC	200,250	35,178	17.6	52,564	26.2	33,458	16.7	19,753	9.9
Southeastern CC	128,180	26,850	20.9	39,269	30.6	20,983	16.4	13,476	10.5
Southwestern CC	143,013	24,135	16.9	36,237	25.3	24,718	17.3	10,015	7.0
Stanly CC	73,728	16,369	22.2	25,787	35.0	13,534	18.4	5,158	7.0
Surry CC	133,845	21,216	15.9	45,395	33.9	17,911	13.4	11,261	8.4
Tri-County CC	82,943	17,703	21.3	28,014	33.8	7,176	8.7	6,222	7.5
Vance-Granv. CC	134,928	24,871	18.4	45,886	34.0	25,450	18.9	9,715	7.2
Wake TCC	276,534	56,624	20.5	72,098	26.1	51,820	18.7	32,590	11.8
Wayne CC	210,013	40,375	19.2	60,616	28.9	31,335	14.9	24,447	11.6
W. Piedmont CC	133,900	24,197	18.1	35,418	26.5	23,051	17.2	14,876	11.1
Wilkes CC	165,536	23,189	14.0	42,365	25.6	20,512	12.4	10,904	6.6
Wilson TCC	117,409	13,871	11.8	55,305	47.1	20,408	17.4	9,326	7.9
TOTAL	9,139,292	1,675,585	18.3	3,207,585	35.1	1,393,432	15.2	738,884	8.1

Assignable Area by Room Codes

Table 15

Special Use Facilities (500)		General Use Facilities (600)		Supporting Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	
												Community Colleges:
6,886	5.0	10,261	7.4	5,871	4.2	-	-	627	0.5	1,314	0.9	Alamance CC
240	0.5	4,001	8.7	2,398	5.2	-	-	-	-	900	1.9	Anson CC
15,959	5.5	14,261	4.9	13,683	4.7	-	-	-	-	11,113	3.8	Ashev'le-Bun. TCC
955	1.0	10,032	10.1	9,398	9.5	-	-	-	-	1,629	1.6	Beaufort Co. CC
253	0.3	14,180	17.9	2,279	2.9	-	-	-	-	6,172	7.8	Bladen CC
6,323	5.3	15,086	12.5	9,153	7.6	-	-	-	-	-	-	Blue Ridge CC
1,714	1.5	14,198	12.8	3,741	3.4	-	-	-	-	19,321	17.4	Brunswick CC
16,516	10.9	11,530	7.6	6,693	4.4	-	-	-	-	170	0.1	Caldwell CC & TI
2,263	1.5	13,448	9.1	2,953	2.0	-	-	257	0.2	-	-	Cape Fear CC
12,584	9.5	23,562	17.9	19,592	14.9	-	-	-	-	-	-	Carteret CC
7,222	3.6	14,854	7.3	11,454	5.7	-	-	-	-	-	-	Catawba Vy. CC
3,474	2.1	28,799	17.1	4,391	2.6	-	-	-	-	1,314	0.8	C. Carolina CC
31,977	5.7	33,703	6.0	12,879	2.3	-	-	-	-	348	0.1	C. Piedmont CC
11,752	8.7	16,734	12.3	7,873	5.8	-	-	-	-	232	0.2	Cleveland CC
4,032	2.3	17,005	9.6	6,166	3.5	-	-	-	-	-	-	Coastal Car. CC
726	0.6	27,169	22.8	3,610	3.0	-	-	-	-	-	-	Col. Albemarle
1,797	1.7	7,909	7.5	1,338	1.3	-	-	-	-	-	-	Craven CC
18,167	12.4	13,981	9.5	4,695	3.2	-	-	-	-	-	-	Davidson Co. CC
2,732	1.6	16,418	9.6	9,503	5.6	-	-	-	-	-	-	Durham TCC
1,346	1.3	13,820	12.9	1,171	1.1	-	-	-	-	9,238	8.6	Edgecombe CC
17,998	5.6	33,699	10.5	25,666	8.0	378	0.1	-	-	-	-	Fayettev'le TCC
17,363	5.4	34,713	10.7	10,991	3.4	-	-	-	-	336	0.1	Forsyth TCC
24,802	9.7	26,304	10.3	9,029	3.5	279	0.1	-	-	-	-	Gaston Col.
19,424	4.4	43,659	9.9	13,830	3.1	84	<0.1	-	-	1,047	0.2	Guilford TCC
1,069	1.1	12,693	13.1	4,917	5.1	-	-	-	-	-	-	Halifax CC
28,297	12.5	15,364	6.8	9,898	4.4	-	-	233	0.1	20,198	8.9	Haywood CC
25,791	15.3	16,390	9.7	9,359	5.5	-	-	-	-	-	-	Isothermal CC
2,969	3.4	9,590	11.1	4,084	4.7	-	-	-	-	-	-	J. Sprunt CC
13,061	8.7	24,959	16.7	8,301	5.6	-	-	-	-	-	-	Johnston CC
21,655	12.5	14,618	8.4	6,632	3.8	-	-	-	-	8,290	4.8	Lenoir CC
5,808	3.5	54,753	33.1	6,565	4.0	-	-	-	-	11,936	7.2	Martin CC
884	1.5	5,493	9.2	5,034	8.5	-	-	-	-	-	-	Mayland CC
1,127	1.6	3,992	5.5	2,770	3.8	110	0.2	-	-	-	-	McDowell TCC
16,836	9.5	27,884	15.8	6,508	3.7	-	-	-	-	5,849	3.3	Mitchell CC
1,538	3.0	4,096	8.1	2,436	4.8	-	-	-	-	1,122	2.2	Montgomery CC
-	-	9,222	6.9	8,932	6.7	-	-	-	-	-	-	Nash CC
465	1.6	2,114	7.4	2,196	7.6	-	-	-	-	-	-	Pamlico CC
12,031	12.3	12,587	12.8	7,731	7.9	-	-	-	-	-	-	Piedmont CC
8,036	5.5	6,818	4.7	3,688	2.5	-	-	-	-	301	0.2	Pitt CC
4,769	3.0	14,515	9.2	8,129	5.2	-	-	-	-	-	-	Randolph CC
1,445	1.3	12,381	10.9	6,628	5.8	100	0.1	-	-	-	-	Richmond CC
1,087	1.1	6,994	6.9	5,504	5.4	-	-	-	-	7,226	7.1	Roanoke-Cho. CC
1,747	1.3	24,982	18.3	6,302	4.6	-	-	-	-	-	-	Robeson CC
29,342	15.2	23,485	12.2	9,314	4.8	-	-	-	-	317	0.2	Rockingham CC
3,633	2.2	19,238	11.6	7,203	4.3	-	-	-	-	-	-	Rowan-Cab. CC
1,140	1.3	10,003	11.4	3,497	4.0	-	-	-	-	-	-	Sampson CC
12,264	6.1	31,842	15.9	9,153	4.6	-	-	5,548	2.8	490	0.2	Sandhills CC
10,138	7.9	11,872	9.3	5,592	4.4	-	-	-	-	-	-	Southeastern CC
7,855	5.5	30,609	21.4	8,180	5.7	-	-	-	-	1,264	0.9	Southwestern CC
1,444	2.0	10,282	13.9	1,154	1.6	-	-	-	-	-	-	Stanly CC
17,796	13.3	14,811	11.1	5,455	4.1	-	-	-	-	-	-	Surry CC
-	-	13,669	16.5	10,159	12.2	-	-	-	-	-	-	Tri-County CC
2,764	2.0	21,250	15.7	4,992	3.7	-	-	-	-	-	-	Vance-Granv. CC
12,731	4.6	23,091	8.4	19,627	7.1	328	0.1	-	-	7,625	2.8	Wake TCC
3,643	1.7	24,382	11.6	13,165	6.3	131	0.1	-	-	11,919	5.7	Wayne CC
5,100	3.8	12,628	9.4	7,417	5.5	54	<0.1	-	-	11,159	8.3	W. Piedmont CC
22,615	13.7	34,532	20.9	11,419	6.9	-	-	-	-	-	-	Wilkes CC
1,470	1.3	7,038	6.0	9,694	8.3	297	0.3	-	-	-	-	Wilson TCC
507,055	5.5	1,027,503	11.2	439,992	4.8	1,761	<0.1	6,665	0.1	140,830	1.5	TOTAL

TABLE 16:

ASSIGNABLE SQUARE FEET PER STUDENT STATION FOR CLASSROOMS

The number of students that a classroom can accommodate is an important factor in determining how efficiently classroom space is used. This can be measured in terms of assignable square feet per student station and the average number of stations per classroom.

The assignable square feet per student station in a classroom is largely determined by the number and type of stations in the room. Generally, rooms with relatively large numbers of stations require less space per station. As for types of stations, tables and chairs require more space per station than standard student desks, which require more space than theater seating. Although the space required per station can vary from less than ten assignable square feet to more than 30, a frequently cited norm is 16 square feet per station.

The Higher Education Facilities Planning and Management Manuals (page 62 of Manual Two) list norms which are based on the number and type of station:

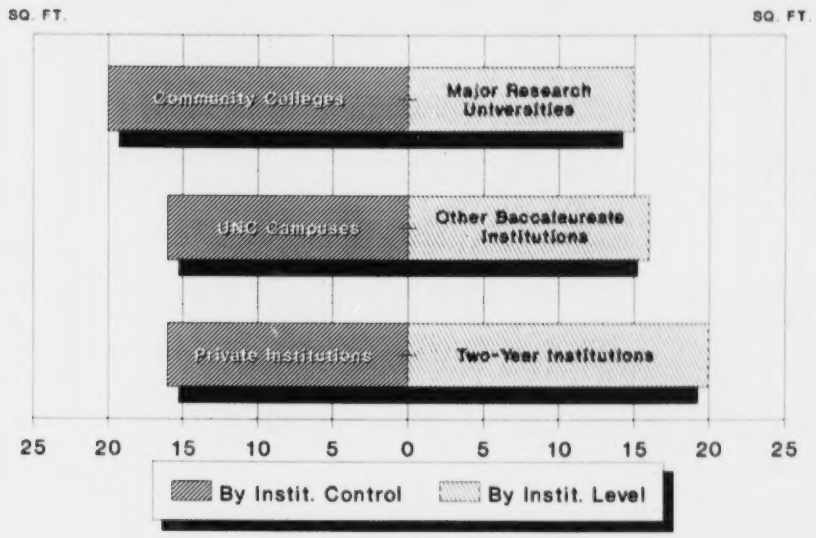
Assignable Square Feet Per Station Criteria

Number of Stations	ASF for Tables and Chairs	ASF for Armchair Desks Small	ASF for Armchair Desks Large
10 - 19	20 - 30	18	22
20 - 29	20 - 30	16	20
30 - 39	20 - 25	15	18
40 - 59	18 - 22	14	16
60 - 99	18 - 22	13	15
100 - 149	16 - 20	11	14
150 - 299	16 - 20	10	14
300 +	16 - 18	9	12

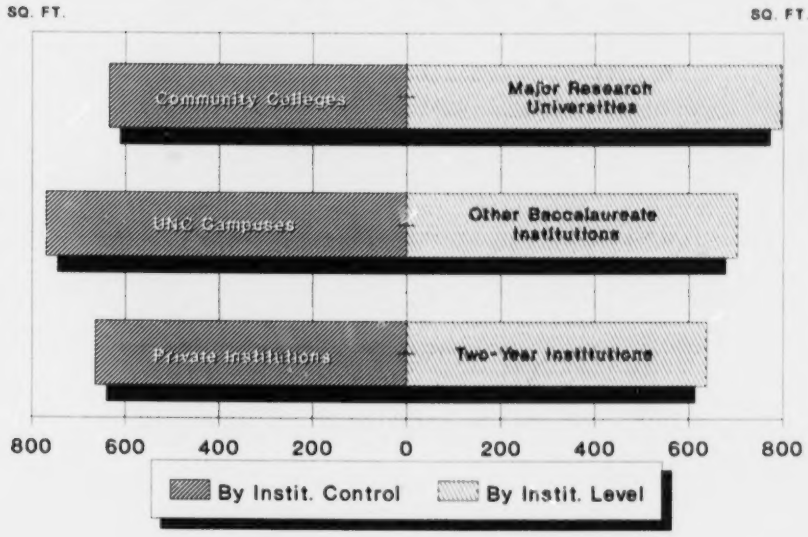
The average number of stations per classroom tends to vary according to the size and instructional philosophy of the institution. Graduate institutions and institutions which rely heavily on large lecture courses will generally have large numbers of stations per classroom.

CLASSROOMS

AVERAGE SQUARE FEET PER STUDENT STATION



AVERAGE ROOM SIZE



Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1991	1990	1989	1988	1987
Research Universities I:									
NC State	246	13,971	57	202,821	15	14	14	14	14
NC State Vet.	5	416	83	6,930	17	17	17	17	17
UNC-Chapel Hill	251	13,892	55	213,332	15	15	15	15	15
UNC-Health Aff.	72	3,700	51	52,181	14	14	14	15	14
SUBTOTAL	574	31,979	56	475,264	15	15	15	15	15
Doctoral Granting Universities II:									
UNC-Greensboro	131	6,763	52	111,802	17	17	17	17	17
Comprehensive I Universities:									
Appalachian	203	8,768	43	157,050	18	18	18	18	19
East Carolina	219	10,588	48	174,365	16	16	17	16	17
ECU-Health Aff.	40	1,757	44	29,251	17	17	17	17	17
Fayetteville	86	3,484	41	61,014	18	17	17	16	17
NC A & T	159	6,716	42	105,896	16	15	16	16	16
NC Central	141	6,202	44	98,826	16	16	16	16	17
UNC-Charlotte	115	6,456	56	88,048	14	13	13	13	13
UNC-Wilmington	79	3,977	50	61,175	15	15	15	15	14
West'n Carolina	109	4,615	42	85,325	18	19	18	18	19
SUBTOTAL	1,151	52,563	46	860,950	16	16	16	16	17
Comprehensive II Universities:									
Elizabeth City	56	2,425	43	38,633	16	16	16	16	16
Pembroke	68	2,850	42	47,065	17	16	16	16	16
UNC-Asheville	67	2,594	39	46,946	18	18	15	16	15
Winston-Salem	79	3,637	46	59,842	16	17	16	16	16
SUBTOTAL	270	11,506	43	192,486	17	17	16	16	16

Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1991	1990	1989	1988	1987
Specialized Institution:									
NC Sch. of Arts	26	697	27	15,333	22	19	20	20	19
Teaching Hospitals:									
UNC Hosp. at C.H.	-	-	-	-	-	-	-	-	-
Community Colleges:									
SUBTOTAL	2,543	81,524	32	1,615,667	20	20	20	20	20
PRIVATE INSTITUTIONS									
Major Research Universities:									
SUBTOTAL	317	15,676	49	234,907	15	15	15	15	15
Gen. Baccalaureate Colleges:									
SUBTOTAL	1,137	44,597	39	727,286	16	16	16	16	16
Junior Colleges:									
SUBTOTAL	131	4,920	38	90,882	18	18	18	18	18
GRAND TOTAL	6,280	250,225	40	4,324,577	17	17	17	17	17

Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1991	1990	1989	1988	1987
Community Colleges:									
Alamance CC	39	1,565	40	26,947	17	17	17	16	16
Anson CC	10	249	25	5,718	23	24	23	23	21
Ashev'le-Bun. TCC	103	3,199	31	72,225	23	23	22	22	21
Beaufort Co. CC	28	786	28	15,894	20	20	19	20	20
Bladen CC	14	433	31	8,622	20	23	22	20	22
Blue Ridge CC	37	993	27	21,354	22	22	22	22	20
Brunswick CC	27	753	28	15,900	21	21	24	25	26
Caldwell CC & TI	38	1,188	31	23,355	20	20	22	22	22
Cape Fear CC	30	893	30	19,854	22	22	26	26	27
Carteret CC	37	1,010	27	18,688	19	18	18	18	18
Catawba Vy. CC	56	1,586	28	34,924	22	22	22	23	23
C. Carolina CC	42	1,225	29	27,053	22	22	22	22	22
C. Piedmont CC	188	6,491	35	111,778	17	17	17	16	16
Cleveland CC	36	1,135	32	20,802	18	18	18	19	19
Coastal Car. CC	58	1,806	31	36,670	20	20	20	20	21
Col. Albemarle	32	1,090	34	17,726	16	16	16	15	15
Craven CC	50	1,539	31	26,826	17	18	17	17	17
Davidson Co. CC	40	1,469	37	26,041	18	17	17	17	17
Durham TCC	55	1,720	31	32,909	19	20	20	20	18
Edgecombe CC	44	1,098	25	22,571	21	19	20	21	21
Fayettev'le TCC	94	3,416	36	68,038	20	18	18	19	18
Forsyth TCC	94	3,123	33	64,251	21	21	22	22	22
Gaston Col.	72	2,691	37	52,789	20	18	18	19	19
Guilford TCC	133	4,510	34	88,342	20	20	20	20	19
Halifax CC	24	809	34	15,776	20	20	19	22	22
Haywood CC	31	882	28	17,266	20	19	19	19	19
Isothermal CC	40	1,131	28	24,587	22	20	20	20	20
J. Sprunt CC	26	650	25	13,514	21	21	21	21	19
Johnston CC	38	1,338	35	23,960	18	18	17	16	16
Lenoir CC	56	1,696	30	32,884	19	20	20	19	19

Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1991	1990	1989	1988	1987
Community Colleges:									
Martin CC	17	490	29	10,066	21	21	21	25	25
Mayland CC	17	506	30	11,249	22	22	22	21	19
McDowell TCC	23	793	34	14,455	18	22	22	24	24
Mitchell CC	47	1,632	35	31,814	19	19	20	21	21
Montgomery CC	12	240	20	5,448	23	24	25	28	28
Nash CC	38	1,320	35	28,551	22	22	21	23	22
Pamlico CC	9	190	21	4,363	23	23	23	23	23
Piedmont CC	28	566	20	14,677	26	25	25	26	24
Pitt CC	37	1,278	35	24,116	19	19	18	19	18
Randolph CC	46	1,058	23	30,861	29	28	28	28	30
Richmond CC	35	929	27	18,113	19	20	20	20	20
Roanoke-Cho. CC	25	690	28	14,282	21	21	21	22	22
Robeson CC	31	986	32	19,811	20	21	23	23	23
Rockingham CC	41	1,534	37	30,928	20	21	21	21	18
Rowan-Cab. CC	65	2,285	35	40,638	18	18	18	18	18
Sampson CC	23	743	32	13,453	18	18	18	19	18
Sandhills CC	51	1,905	37	33,765	18	18	18	19	19
Southeastern CC	40	1,433	36	26,393	18	18	18	18	18
Southwestern CC	35	917	26	23,685	26	26	22	23	19
Stanly CC	26	901	35	16,016	18	18	18	18	18
Surry CC	29	936	32	20,631	22	23	23	24	24
Tri-County CC	24	765	32	17,357	23	22	22	25	25
Vance-Granv. CC	37	1,173	32	24,282	21	21	21	21	18
Wake TCC	83	2,847	34	56,081	20	20	20	20	18
Wayne CC	62	2,066	33	38,583	19	19	19	18	17
W. Piedmont CC	31	1,029	33	22,596	22	22	22	21	21
Wilkes CC	35	1,203	34	22,318	19	19	19	20	20
Wilson TCC	24	635	26	13,871	22	22	22	22	23
TOTAL	2,543	81,524	32	1,615,667	20	20	20	20	20

TABLE 17:
ASSIGNABLE SQUARE FEET PER STUDENT STATION FOR CLASS LABORATORIES

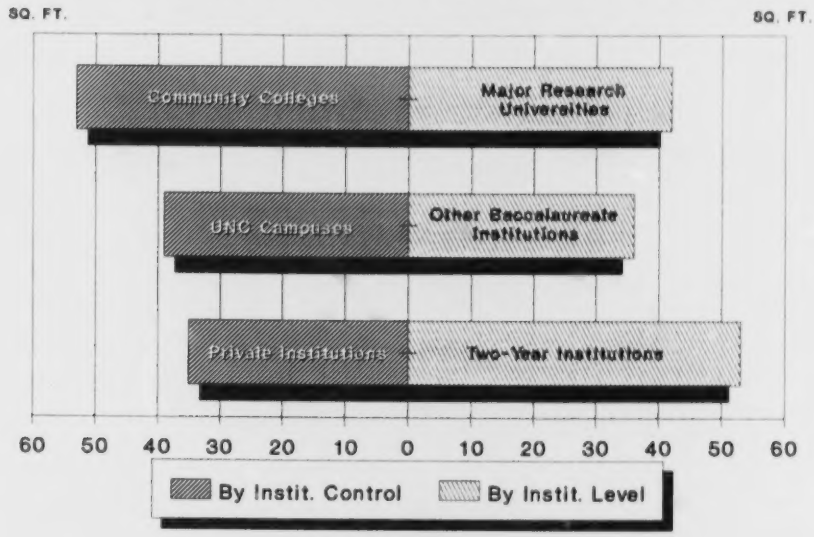
The square footage per student station in class laboratories varies to a greater extent than in classrooms because of the widely differing space requirements of the various kinds of laboratories. An automotive lab, for example, usually requires much more space per station than a chemistry lab. In general, institutions which offer academic programs in such areas as agriculture, engineering, or medicine, or in vocational/technical programs such as automotive mechanics, textiles, and welding require more class lab space per station than do institutions which focus on liberal arts, business, and education. Moreover, graduate level laboratories usually require more space per station than undergraduate labs.

The Higher Education Facilities Planning and Management Manuals (pages 127-133 of Manual Two) provide ranges for various types of class laboratories. Data for selected labs are provided below:

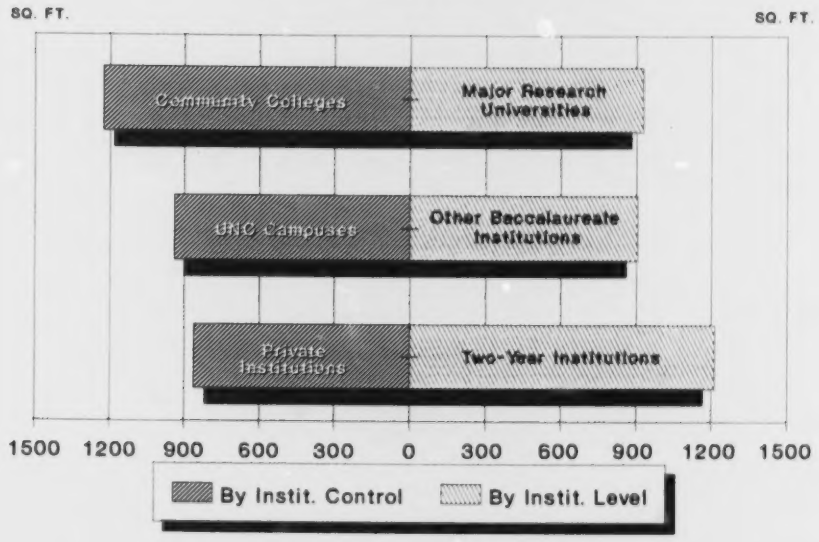
Discipline	Level	ASF	Discipline	ASF
Soil Science	Upper	40-50	Business Tech	25-40
Architecture	Upper	50-60	Data Proc Tech	50-80
Biology	Lower	30-40	Health Svc Tech	25-50
Business	All	20-30	Drafting	50-60
Education	All	25-35	Automotive	100-150
Fine Arts	All	30-50	Welding	80-120
Letters	All	15-25	Natural Sc Tech	35-60
Mathematics	All	20-30	Public Svc Tech	25-35

CLASS LABORATORIES

AVERAGE SQUARE FEET PER STUDENT STATION



AVERAGE ROOM SIZE



Assignable Square Feet Per Student Station For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1991	1990	1989	1988	1987
Research Universities I:									
NC State	226	5,224	23	240,090	46	54	54	55	55
NC State Vet.	5	214	43	13,109	61	61	61	61	82
UNC-Chapel Hill	88	2,684	31	92,817	35	33	33	38	38
UNC-Health Aff.	114	1,787	16	81,069	45	46	45	45	45
SUBTOTAL	433	9,909	23	427,085	43	47	47	49	50
Doctoral Granting Universities II:									
UNC-Greensboro	57	1,643	29	67,204	41	38	38	36	38
Comprehensive I Universities:									
Appalachian	91	2,323	26	91,531	39	39	41	40	32
East Carolina	127	3,085	24	121,276	39	41	42	42	43
ECU-Health Aff.	166	2,411	15	94,955	39	39	39	39	39
Fayetteville	33	1,124	34	31,562	28	27	27	27	26
NC A & T	78	2,347	30	73,561	31	32	30	34	34
NC Central	52	1,403	27	46,259	33	34	36	36	36
UNC-Charlotte	96	2,679	28	90,433	34	34	37	37	39
UNC-Wilmington	34	862	25	30,119	35	33	34	34	35
West'n Carolina	56	1,523	27	57,077	37	40	40	38	39
SUBTOTAL	733	17,757	24	636,773	36	36	37	37	37
Comprehensive II Universities:									
Elizabeth City	41	1,119	27	42,938	38	38	39	39	42
Pembroke	33	791	24	24,758	31	32	27	26	27
UNC-Asheville	37	936	25	30,672	33	32	34	35	32
Winston-Salem	23	631	27	18,773	30	30	30	29	29
SUBTOTAL	134	3,477	26	117,141	34	34	33	33	33

Assignable Square Feet Per Student Station For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1991	1990	1989	1988	1987
Specialized Institution:									
NC Sch. of Arts	44	957	22	68,559	72	71	71	64	64
Teaching Hospitals:									
UNC Hosp. at C.H.	-	-	-	-	-	-	-	-	-
Community Colleges:									
SUBTOTAL	2,148	49,471	23	2,630,596	53	53	52	52	52
PRIVATE INSTITUTIONS									
Major Research Universities:									
SUBTOTAL	159	3,104	20	122,425	39	40	40	45	41
Gen. Baccalaureate Colleges:									
SUBTOTAL	499	13,052	26	439,683	34	34	34	34	33
Junior Colleges:									
SUBTOTAL	85	2,070	24	78,694	38	38	38	36	34
GRAND TOTAL	4,292	101,440	24	4,588,160	45	46	45	45	45

Assignable Square Feet Per Student Station For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1991	1990	1989	1988	1987
Community Colleges:									
Alamance CC	41	1,076	26	44,408	41	41	41	41	41
Anson CC	18	367	20	18,721	51	52	49	49	49
Ashev'le-Bun. TCC	53	1,189	22	84,717	71	76	59	62	61
Beaufort Co. CC	23	483	21	32,778	68	68	56	56	55
Bladen CC	20	431	22	27,823	65	60	65	62	61
Blue Ridge CC	24	607	25	39,733	65	73	76	76	80
Brunswick CC	15	295	20	18,860	64	64	64	53	57
Caldwell CC & TI	40	684	17	52,845	77	74	75	64	64
Cape Fear CC	42	905	22	53,065	59	61	64	67	67
Carteret CC	29	659	23	31,987	49	47	47	47	47
Catawba Vy. CC	51	1,154	23	69,471	60	61	59	59	62
C. Carolina CC	54	1,108	21	55,130	50	53	54	54	55
C. Piedmont CC	130	3,375	26	176,731	52	48	45	44	44
Cleveland CC	44	970	22	40,669	42	42	42	41	42
Coastal Car. CC	45	1,006	22	58,516	58	59	59	60	61
Col. Albemarle	30	743	25	34,178	46	46	46	46	46
Craven CC	36	897	25	30,677	34	36	38	38	38
Davidson Co. CC	32	750	23	36,960	49	48	48	47	46
Durham TCC	43	998	23	53,209	53	53	53	56	55
Edgecombe CC	35	677	19	31,078	46	44	44	42	42
Fayettev'le TCC	63	1,601	25	69,474	43	43	47	47	47
Forsyth TCC	63	1,495	24	98,829	66	69	66	60	61
Gaston Col.	60	1,554	26	79,557	51	52	50	50	50
Guilford TCC	105	2,388	23	143,318	60	58	57	59	56
Halifax CC	20	56[1]	28	25,568	46	50	50	50	48
Haywood CC	61	1,278	21	72,502	57	58	55	55	55
Isothermal CC	36	820	23	43,161	53	49	51	51	51
J. Sprunt CC	23	493	21	29,059	59	59	67	68	69
Johnston CC	39	1,042	27	45,626	44	48	49	49	49
Lenoir CC	41	899	22	33,852	38	38	38	39	39

Assignable Square Feet Per Student Station For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1991	1990	1989	1988	1987
Community Colleges:									
Martin CC	28	714	26	44,164	62	62	65	70	70
Mayland CC	10	225	23	14,796	66	56	56	61	46
McDowell TCC	25	581	23	29,271	50	51	51	55	55
Mitchell CC	33	828	25	41,934	51	51	52	49	49
Montgomery CC	21	358	17	21,527	60	60	63	64	64
Nash CC	31	519	17	35,187	68	68	65	67	64
Pamlico CC	8	121	15	9,871	82	82	82	82	82
Piedmont CC	20	466	23	21,470	46	47	47	49	51
Pitt CC	45	825	18	45,305	55	60	54	54	54
Randolph CC	39	817	21	53,432	65	69	69	68	69
Richmond CC	25	488	20	34,454	71	68	72	71	69
Roanoke-Cho. CC	19	443	23	21,186	48	48	47	49	47
Robeson CC	36	1,087	30	43,373	40	40	40	44	49
Rockingham CC	41	957	23	54,410	57	57	56	57	62
Rowan-Cab. CC	39	947	24	46,209	49	47	47	47	48
Sampson CC	22	596	27	26,922	45	46	48	49	48
Sandhills CC	39	963	25	44,454	46	46	44	44	43
Southeastern CC	29	787	27	34,902	44	48	44	43	43
Southwestern CC	33	589	18	30,316	51	49	38	37	38
Stanly CC	21	609	29	24,509	40	40	40	38	41
Surry CC	31	746	24	36,180	48	49	49	49	50
Tri-County CC	20	361	18	23,683	66	79	79	74	73
Vance-Granv. CC	37	907	25	41,328	46	46	46	46	44
Wake TCC	49	914	19	57,222	63	63	63	60	59
Wayne CC	43	1,057	25	50,866	48	47	43	45	45
W. Piedmont CC	25	577	23	29,421	51	50	49	49	49
Wilkes CC	28	702	25	35,649	51	51	51	53	52
Wilson TCC	35	782	22	46,053	59	61	59	56	59
TOTAL	2,148	49,471	23	2,630,596	53	53	52	52	52

Student Commons, Belmont Abbey College

Belmont Abbey College's latest campus addition is a new dining facility, the Student Commons building, which was completed in 1991 at a cost of $2.1 million. The 360-seat Sabates Dining Center, which features seating around a brick fireplace, highlights the lower level. Modern kitchen facilities and serving areas, including an automated tray retrieval system, complete the lower floor. The upper level, accessed by curving stairways and a service elevator, houses additional dining space, a conference room, and office areas.

The Student Commons has already won awards from the American Institute of Architects, the North Carolina Institute of Brick, and the Institute of Building Designers.

Building Characteristics

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Estimated Cost to Renovate and Replace Unsatisfactory Facilities 161

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TABLE 18
OWNERSHIP OF BUILDINGS

Many campus buildings are not owned by the institutions which use them. This table provides data on the ownership status of institutional facilities. The gross square footage of each institution has been classified under eight ownership categories:

1 Owned in fee simple.

2 Title vested in the institution and being paid for on an amortization schedule.

3 Title vested in holding company or building corporation to which payments are being made by the institution and which will ultimately convey title to the institution. (Includes lease-purchase arrangement.)

4 Not owned by the institution, but leased or rented to the institution at a typical local rate.

5 Not owned by the institution, but made available to the institution either at no cost or at a nominal rate.

6 Not owned by the institution, but shared with an educational organization that is not a postsecondary institution.

7 Not owned by the institution, but shared with another postsecondary educational institution.

8 Other (e.g., not owned by the institution, but shared with a non-educational institution).

Ownership for institutions of the University of North Carolina represents ownership by the State of North Carolina. Ownership of community and technical colleges represents ownership by local trustees and reflects expenditures primarily from local fund sources which are supplemented by state and federal funds. Ownership of the private institutions resides with the institution's trustees.

The sums of the percentages for each institution should in theory add to exactly 100.0, but in some cases they do not because of rounding.

Ownership of Buildings

Table 18

INSTITUTION	Owned Gross Sq. Ft. 1	%	Institution Amortization Gross Sq. Ft. 2	%	Holding Co. Amortization Gross Sq. Ft. 3	%	Leased or Rented Gross Sq. Ft. 4	%	Nominal Rate Gross Sq. Ft. 5	%	* Total Gross Sq. Ft.
Research Universities I:											
NC State	5,257,642	68.0	2,474,049	32.0	-	-	-	-	-	-	7,731,691
NC State Vet.	381,311	100.0	-	-	-	-	-	-	-	-	381,311
UNC-Chapel Hill	6,955,563	98.6	-	-	-	-	35,890	0.5	63,702	0.9	7,056,406
UNC-Health Aff.	2,723,108	81.1	522,938	15.6	-	-	113,562	3.4	-	-	3,359,608
SUBTOTAL	15,317,624	82.7	2,996,987	16.2	-	-	149,452	0.8	63,702	0.3	18,529,016
Doctoral Granting Universities II:											
UNC-Greensboro	2,817,050	99.8	-	-	-	-	5,040	0.2	-	-	2,822,090
Comprehensive I Universities:											
Appalachian	1,742,284	59.5	1,157,672	39.5	-	-	15,553	0.5	14,400	0.5	2,929,909
East Carolina	2,262,394	74.2	746,469	24.5	-	-	14,405	0.5	24,000	0.8	3,047,268
ECU-Health Aff.	662,177	93.7	-	-	-	-	15,400	2.2	29,200	4.1	706,777
Fayetteville	830,808	90.9	83,610	9.1	-	-	-	-	-	-	914,418
NC A & T	2,220,357	100.0	-	-	-	-	-	-	-	-	2,220,357
NC Central	1,551,131	99.8	-	-	-	-	-	-	3,122	0.2	1,554,253
UNC-Charlotte	1,923,672	64.3	1,068,712	35.7	-	-	-	-	-	-	2,992,384
UNC-Wilmington	1,019,840	70.1	434,271	29.9	-	-	-	-	-	-	1,454,111
West'n Carolina	1,607,174	68.3	746,441	31.7	-	-	-	-	-	-	2,353,615
SUBTOTAL	13,819,837	76.0	4,237,175	23.3	-	-	45,358	0.2	70,722	0.4	18,173,092
Comprehensive II Universities:											
Elizabeth City	661,241	83.0	135,876	17.0	-	-	-	-	-	-	797,117
Pembroke	703,303	100.0	-	-	-	-	-	-	-	-	703,303
UNC-Asheville	597,824	79.7	152,000	20.3	-	-	-	-	-	-	749,824
Winston-Salem	792,452	86.1	127,536	13.9	-	-	-	-	-	-	919,988
SUBTOTAL	2,754,820	86.9	415,412	13.1	-	-	-	-	-	-	3,170,232
Specialized Institution:											
NC Sch. of Arts	495,337	80.4	102,782	16.7	-	-	-	-	18,086	2.9	616,205
Teaching Hospitals:											
UNC Hosp. at C. Hill	1,178,979	92.7	-	-	-	-	85,761	6.7	-	-	1,271,461
Community Colleges:											
SUBTOTAL	12,618,456	95.4	-	-	19,665	0.1	233,788	1.8	281,307	2.1	13,228,738
					PRIVATE INSTITUTIONS						
Major Research Universities:											
SUBTOTAL	13,485,954	98.9	136,029	1.0	-	-	12,939	0.1	-	-	13,634,922
Gen. Baccalaureate Colleges:											
SUBTOTAL	14,400,920	88.5	1,576,121	9.7	123,093	0.8	79,742	0.5	86,507	0.5	16,265,383
Junior Colleges:											
SUBTOTAL	1,515,688	81.3	300,393	16.1	48,038	2.6	-	-	-	-	1,864,119
GRAND TOTAL	78,404,665	87.5	9,764,899	10.9	190,796	0.2	612,080	0.7	519,324	0.6	89,575,258

*Three categories of ownership are omitted from the table because of their limited applicability. The data are included in appropriate totals. Details on next page.

Ownership of Buildings

Table 18

INSTITUTION	Owned Gross Sq. Ft. 1	%	Institution Amortization Gross Sq. Ft. 2	%	Holding Co. Amortization Gross Sq. Ft. 3	%	Leased or Rented Gross Sq. Ft. 4	%	Nominal Rate Gross Sq. Ft. 5	%	* Total Gross Sq. Ft.
Community Colleges:											
Alamance CC	200,945	100.0	-	-	-	-	-	-	-	-	200,945
Anson CC	42,146	67.0	-	-	-	-	-	-	20,712	33.0	62,858
Ashev'le-Bun. TCC	414,844	95.8	-	-	-	-	-	-	18,000	4.2	432,844
Beaufort Co. CC	128,848	100.0	-	-	-	-	-	-	-	-	128,848
Bladen CC	103,372	100.0	-	-	-	-	-	-	-	-	103,372
Blue Ridge CC	163,140	100.0	-	-	-	-	-	-	-	-	163,140
Brunswick CC	145,007	99.3	-	-	-	-	-	-	950	0.7	145,957
Caldwell CC & TI	198,740	100.0	-	-	-	-	-	-	-	-	198,740
Cape Fear CC	183,549	82.7	-	-	-	-	-	-	38,363	17.3	221,912
Carteret CC	156,786	90.7	-	-	-	-	-	-	16,048	9.3	172,834
Catawba Vy. CC	270,263	98.3	-	-	-	-	-	-	4,600	1.7	274,863
C. Carolina CC	192,258	84.3	-	-	-	-	-	-	35,871	15.7	228,129
C. Piedmont CC	1,309,528	94.7	-	-	9,312	0.7	63,734	4.6	-	-	1,382,574
Cleveland CC	192,334	100.0	-	-	-	-	-	-	-	-	192,334
Coastal Car. CC	243,416	100.0	-	-	-	-	-	-	-	-	243,416
Col. Albemarle	161,780	87.8	-	-	-	-	3,936	2.1	18,480	10.0	184,196
Craven CC	144,415	94.8	-	-	-	-	7,851	5.2	-	-	152,266
Davidson Co. CC	211,332	100.0	-	-	-	-	-	-	-	-	211,332
Durham TCC	220,497	93.0	-	-	-	-	16,530	7.0	-	-	237,027
Edgecombe CC	162,094	100.0	-	-	-	-	-	-	-	-	162,094
Fayettev'le TCC	407,647	90.9	-	-	-	-	-	-	40,651	9.1	448,298
Forsyth TCC	408,340	92.0	-	-	-	-	-	-	-	-	444,080
Gaston Col.	321,254	87.8	-	-	-	-	4,914	1.3	-	-	365,950
Guilford TCC	534,850	87.8	-	-	-	-	74,650	12.2	-	-	609,500
Halifax CC	132,607	100.0	-	-	-	-	-	-	-	-	132,607
Haywood CC	277,130	94.1	-	-	-	-	-	-	17,354	5.9	294,484
Isothermal CC	220,057	100.0	-	-	-	-	-	-	-	-	220,057
J. Sprunt CC	113,361	96.4	-	-	-	-	-	-	4,240	3.6	117,601
Johnston CC	188,273	94.1	-	-	-	-	-	-	11,825	5.9	200,098
Lenoir CC	215,038	96.0	-	-	-	-	-	-	9,024	4.0	224,062
Martin CC	216,385	99.7	-	-	720	0.3	-	-	-	-	217,105
Mayland CC	81,441	99.1	-	-	-	-	-	-	720	0.9	82,161
McDowell TCC	92,006	96.0	-	-	-	-	3,875	4.0	-	-	95,881
Mitchell CC	246,514	100.0	-	-	-	-	-	-	-	-	246,514
Montgomery CC	72,452	100.0	-	-	-	-	-	-	-	-	72,452
Nash CC	183,084	100.0	-	-	-	-	-	-	-	-	183,084
Pamlico CC	40,198	100.0	-	-	-	-	-	-	-	-	40,198
Piedmont CC	117,486	100.0	-	-	-	-	-	-	-	-	117,486
Pitt CC	192,410	95.9	-	-	-	-	8,214	4.1	-	-	200,624
Randolph CC	202,712	98.4	-	-	-	-	3,268	1.6	-	-	205,980
Richmond CC	156,639	98.6	-	-	-	-	-	-	2,225	1.4	158,864
Roanoke-Cho. CC	127,542	93.0	-	-	9,633	7.0	-	-	-	-	137,175
Robeson CC	183,243	100.0	-	-	-	-	-	-	-	-	183,243
Rockingham CC	269,195	100.0	-	-	-	-	-	-	-	-	269,195
Rowan-Cab. CC	222,410	97.8	-	-	-	-	-	-	5,118	2.2	227,528
Sampson CC	117,646	100.0	-	-	-	-	-	-	-	-	117,646
Sandhills CC	274,665	99.5	-	-	-	-	-	-	1,280	0.5	275,945
Southeastern CC	161,785	94.6	-	-	-	-	9,220	5.4	-	-	171,005
Southwestern CC	194,728	100.0	-	-	-	-	-	-	-	-	194,728
Stanly CC	82,484	82.2	-	-	-	-	14,131	14.1	3,696	3.7	100,311
Surry CC	182,076	100.0	-	-	-	-	-	-	-	-	182,076
Tri-County CC	103,973	100.0	-	-	-	-	-	-	-	-	103,973
Vance-Granv. CC	191,516	94.7	-	-	-	-	10,816	5.3	-	-	202,332
Wake TCC	371,960	92.0	-	-	-	-	-	-	32,150	8.0	404,110
Wayne CC	286,320	96.0	-	-	-	-	12,049	4.0	-	-	298,369
W. Piedmont CC	195,113	100.0	-	-	-	-	-	-	-	-	195,113
Wilkes CC	222,882	99.7	-	-	-	-	600	0.3	-	-	223,482
Wilson TCC	165,740	100.0	-	-	-	-	-	-	-	-	165,740
TOTAL	12,618,456	95.4	-	-	19,665	0.1	233,788	1.8	281,307	2.1	13,228,738

Category 6: Gaston College	39,782	10.9%		
Category 7: Forsyth Technical CC	35,740	8.0%	UNC Hosp. at C.H.	6,721 0.5%
Category 8: UNC at Chapel Hill	1,251	<0.1%		

TABLES 19 & 20:
CAPITAL INVESTMENT IN BUILDINGS

Building cost, as used here, refers to the institution's initial capital investment in a building. For a facility which is built by the institution, the building cost is the cost of construction of the structure and its fixed equipment. For buildings which are purchased, the acquisition cost is applicable.

The replacement value of a building, on the other hand, represents the estimated cost of constructing a new facility containing an equal amount of space which is designed for the same use as the original building and which meets all of the current commonly-accepted standards of construction. For institutional buildings which were in existence prior to 1972, the replacement value was first estimated using 1972 construction cost data. Since then, it has been increased each year using factors obtained annually from construction cost publications. For buildings constructed since 1972, the building cost is the base upon which these replacement value factors are applied.

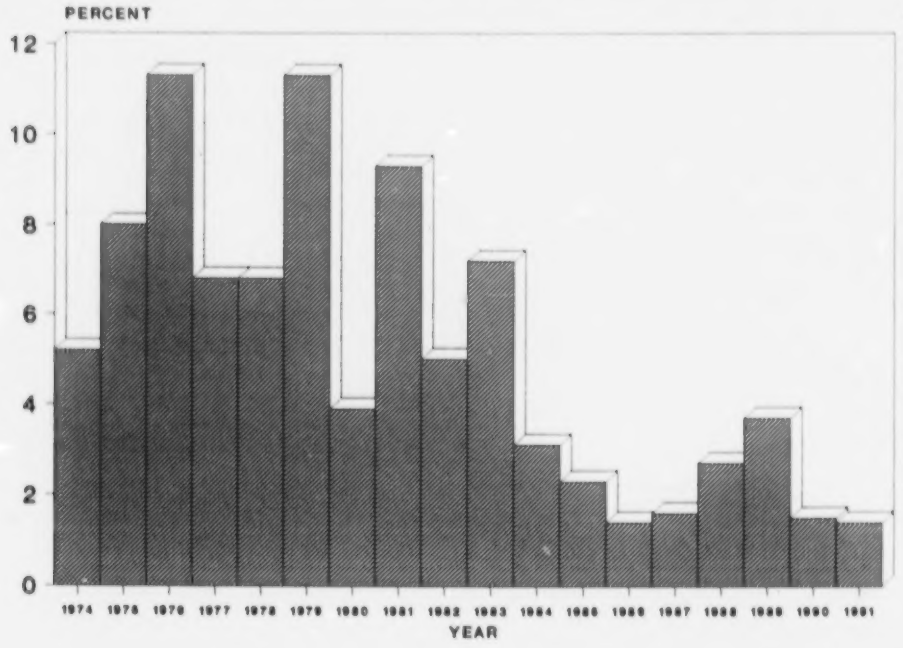
From 1972-83, the replacement value factors were derived from building cost data reported for the Atlanta region in the Engineering News Record. From 1984-1987, the Dodge Building Cost Indexes for U. S. and Canadian Cities, published by McGraw-Hill Cost Information Systems, was used to determine the replacement value factors. Since 1987, due to a lapse in the publishing of the Dodge publication, the R. S. Means Construction Cost Indexes report, which follows a calculation methodology similar to the Dodge report, has been used to construct this index. Factors calculated from the Means publication were derived by computing an average of the construction cost increases for Charlotte, Durham, Greensboro, Raleigh and Winston-Salem. The following table, reflecting a base of 100.0 for January, 1975, summarizes selected data for these cities:

City	Oct 1990	Oct 1991	Index Increase	% Change 1990-91
Charlotte	173.9	176.3	2.4	1.4
Durham	171.8	174.1	2.3	1.3
Greensboro	170.4	172.8	2.4	1.4
Raleigh	173.3	175.6	2.3	1.3
Winston-Salem	176.0	178.6	2.6	1.5

The following are the factors which have been used to increase the estimated replacement values each year. They reflect the increases in construction costs which have occurred since 1974. Relative increases over this period are portrayed in the graph.

Year	Annual Increase	Year	Annual Increase	Year	Annual Increase
1974	5.2%	1980	3.9%	1986	1.4%
1975	8.0%	1981	9.3%	1987	1.6%
1976	11.3%	1982	5.0%	1988	2.7%
1977	6.8%	1983	7.2%	1989	3.7%
1978	6.8%	1984	3.1%	1990	1.5%
1979	11.3%	1985	2.3%	1991	1.4%

RELATIVE INCREASES IN CONSTRUCTION COSTS



Because building cost represents an institution's capital investment in a facility, only buildings which are owned by the institution (i.e., those falling under ownership categories 1-3 on page 139) are included in calculating total cost. Replacement value, on the other hand, is a reflection of all buildings on an institution's campus, regardless of their ownership status.

The data are categorized as non-residential (Table 19) and residential (Table 20). Buildings with twenty percent or more of their space in each category are considered combination buildings and appear in both tables. The tables accurately reflect the number of buildings with non-residential space and the number with residential space, but the sum will exceed the total number of buildings on the campuses which have combination buildings. Other data are distributed between the two tables on the basis of the ratio of the assignable square feet in the category to the total assignable square feet in the building. Thus, campus totals may be determined accurately by summing the appropriate data in the two tables, with the exception noted.

Table 19

Capital Investment, Non-Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Research Universities I:				
NC State	114	$ 182,763,481	$ 431,567,418	6,057,235
NC State Vet.	17	23,980,833	33,329,054	381,311
UNC-Chapel Hill	167	189,023,200	623,371,816	5,174,429
UNC-Health Aff.	90	127,535,339	386,148,422	3,359,608
SUBTOTAL	388	523,302,853	1,474,416,710	14,972,583
Doctoral Granting Universities II:				
UNC-Greensboro	49	55,643,800	140,082,598	1,955,818
Comprehensive I Universities:				
Appalachian	58	70,763,960	157,173,758	1,992,017
East Carolina	77	56,709,235	142,568,850	2,015,372
ECU-Health Aff.	26	41,488,482	61,410,310	706,777
Fayetteville	39	28,694,571	52,563,460	664,964
NC A & T	87	62,107,063	130,508,064	1,679,672
NC Central	45	34,553,075	82,183,518	1,098,477
UNC-Charlotte	38	77,565,700	150,188,941	2,041,551
UNC-Wilmington	53	46,284,517	84,191,812	1,038,459
West'n Carolina	52	54,108,597	121,559,627	1,582,502
SUBTOTAL	475	472,275,200	982,348,340	12,819,791
Comprehensive II Universities:				
Elizabeth City	34	22,929,887	46,250,190	558,486
Pembroke	28	19,366,922	40,947,436	535,754
UNC-Asheville	17	28,941,620	43,926,406	561,443
Winston-Salem	21	25,522,322	50,977,656	704,961
SUBTOTAL	100	96,760,751	182,101,688	2,360,644

Table 19

Capital Investment, Non-Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Specialized Institution:				
NC Sch. of Arts	14	$ 15,958,304	$ 42,968,346	476,581
Teaching Hospitals:				
UNC Hosp. at C.H.	29	66,649,183	148,009,145	1,271,461
Community Colleges:				
SUBTOTAL	821	445,378,682	883,358,402	13,222,721
		PRIVATE INSTITUTIONS		
Major Research Universities:				
SUBTOTAL	295	527,783,316	1,371,267,704	11,194,483
Gen. Baccalaureate Colleges:				
SUBTOTAL	706	242,525,735	737,018,813	10,215,978
Junior Colleges:				
SUBTOTAL	78	25,436,865	78,017,505	1,115,843
GRAND TOTAL	2,955	$2,471,714,689	$6,039,589,251	69,605,903

Table 19

Capital Investment, Non-Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Community Colleges:				
Alamance CC	8	$ 9,333,403	$ 17,610,327	200,273
Anson CC	6	1,886,292	4,144,258	62,858
Ashev'le-Bun. TCC	19	13,871,798	29,494,215	432,844
Beaufort Co. CC	9	3,691,187	7,604,544	128,848
Bladen CC	16	2,797,818	6,563,155	103,372
Blue Ridge CC	12	6,274,436	10,671,643	163,140
Brunswick CC	11	6,759,818	9,131,586	145,957
Caldwell CC & TI	8	6,852,563	14,742,695	198,740
Cape Fear CC	7	4,951,014	17,160,357	221,912
Carteret CC	19	5,469,210	12,912,527	172,834
Catawba Vy. CC	16	8,560,568	19,701,607	274,863
C. Carolina CC	15	8,050,065	17,775,352	228,129
C. Piedmont CC	39	28,423,272	66,762,972	1,382,574
Cleveland CC	11	9,021,301	13,753,970	192,334
Coastal Car. CC	12	12,262,528	19,461,480	243,416
Col. Albemarle	11	8,020,940	14,273,997	184,196
Craven CC	9	6,757,343	11,119,802	152,266
Davidson Co. CC	10	5,949,765	14,451,543	211,332
Durham TCC	10	8,253,928	15,747,553	237,027
Edgecombe CC	9	5,573,700	10,909,068	162,094
Fayettev'le TCC	27	11,680,365	27,963,693	448,298
Forsyth TCC	17	13,742,152	32,319,315	444,080
Gaston Col.	27	11,196,618	26,461,761	365,950
Guilford TCC	26	17,687,691	44,005,515	609,500
Halifax CC	8	4,683,903	6,949,872	132,607
Haywood CC	32	11,333,160	18,061,979	294,484
Isothermal CC	15	8,478,885	14,569,101	220,057
J. Sprunt CC	12	3,096,076	7,316,303	117,601
Johnston CC	10	9,706,400	14,039,528	200,098
Lenoir CC	13	6,981,729	15,070,094	224,062

Table 19

Capital Investment, Non-Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Community Colleges:				
Martin CC	12	4,550,955	9,627,341	217,105
Mayland CC	8	4,077,209	5,954,729	82,161
McDowell TCC	8	3,976,052	7,573,670	95,881
Mitchell CC	19	3,829,528	15,122,400	246,514
Montgomery CC	4	2,520,126	4,212,052	72,452
Nash CC	8	7,059,360	10,410,033	183,084
Pamlico CC	4	1,528,200	3,657,119	40,198
Piedmont CC	11	5,610,180	9,042,247	117,486
Pitt CC	28	7,142,580	13,803,818	200,624
Randolph CC	20	7,701,336	13,638,478	205,980
Richmond CC	10	4,984,574	11,144,594	158,864
Roanoke-Cho. CC	8	5,165,869	9,237,456	137,175
Robeson CC	15	8,954,000	13,299,940	183,243
Rockingham CC	12	9,037,674	18,671,600	269,195
Rowan-Cab. CC	11	7,501,016	16,146,798	227,528
Sampson CC	9	4,797,302	7,351,781	117,646
Sandhills CC	27	10,005,467	18,378,479	270,600
Southeastern CC	15	3,871,309	10,751,493	171,005
Southwestern CC	9	9,277,721	13,374,662	194,728
Stanly CC	10	3,346,302	6,829,935	100,311
Surry CC	11	5,436,344	11,857,081	182,076
Tri-County CC	15	3,925,673	7,239,490	103,973
Vance-Granv. CC	11	9,399,347	16,095,120	202,332
Wake TCC	20	16,031,207	26,345,783	404,110
Wayne CC	27	14,870,341	21,766,145	298,369
W. Piedmont CC	14	7,910,241	14,992,648	195,113
Wilkes CC	19	6,932,284	13,970,085	223,482
Wilson TCC	12	4,588,556	12,113,613	165,740
TOTAL	821	$445,378,682	$883,358,402	13,222,721

Table 20

Capital Investment, Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Research Universities I:				
NC State	34	$ 25,365,881	$ 109,537,460	1,674,456
NC State Vet.	-	-	-	-
UNC-Chapel Hill	40	26,686,940	180,792,990	1,881,977
UNC-Health Aff.	-	-	-	-
SUBTOTAL	74	52,052,821	290,330,450	3,556,433
Doctoral Granting Universities II:				
UNC-Greensboro	24	12,521,200	58,818,291	866,272
Comprehensive I Universities:				
Appalachian	28	17,715,800	62,481,334	937,892
East Carolina	17	14,121,040	70,512,451	1,031,896
ECU-Health Aff.	-	-	-	-
Fayetteville	9	3,638,000	16,814,863	249,454
NC A & T	20	5,986,586	36,715,692	540,685
NC Central	12	5,161,000	30,718,783	455,776
UNC-Charlotte	12	33,239,823	62,269,764	950,833
UNC-Wilmington	28	18,003,882	29,701,365	415,652
West'n Carolina	20	11,665,900	49,774,821	771,113
SUBTOTAL	146	109,532,031	358,989,073	5,353,301
Comprehensive II Universities:				
Elizabeth City	25	3,944,204	15,646,865	238,631
Pembroke	7	2,633,000	11,486,334	167,549
UNC-Asheville	12	8,485,943	12,877,856	188,381
Winston-Salem	8	3,603,000	14,415,769	215,027
SUBTOTAL	52	18,666,147	54,426,824	809,588

Table 20

Capital Investment, Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Specialized Institution:				
NC Sch. of Arts	15	$ 3,508,000	$ 9,256,789	139,624
Teaching Hospitals:				
UNC Hosp. at C.H.	-	-	-	-
Community Colleges:				
SUBTOTAL	2	56,000	492,815	6,017
		PRIVATE INSTITUTIONS		
Major Research Universities:				
SUBTOTAL	137	48,600,369	398,561,138	2,440,439
Gen. Baccalaureate Colleges:				
SUBTOTAL	615	111,251,558	404,362,647	6,049,405
Junior Colleges:				
SUBTOTAL	52	11,654,254	54,271,255	748,276
GRAND TOTAL	1,117	$367,842,380	$1,629,509,282	19,969,355

Table 20

Capital Investment, Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Community Colleges:				
Alamance CC	1	$ 4,000	$ 9,578	672
Anson CC	-	-	-	-
Ashev'le-Bun. TCC	-	-	-	-
Beaufort Co. CC	-	-	-	-
Bladen CC	-	-	-	-
Blue Ridge CC	-	-	-	-
Brunswick CC	-	-	-	-
Caldwell CC & TI	-	-	-	-
Cape Fear CC	-	-	-	-
Carteret CC	-	-	-	-
Catawba Vy. CC	-	-	-	-
C. Carolina CC	-	-	-	-
C. Piedmont CC	-	-	-	-
Cleveland CC	-	-	-	-
Coastal Car. CC	-	-	-	-
Col. Albemarle	-	-	-	-
Craven CC	-	-	-	-
Davidson Co. CC	-	-	-	-
Durham TCC	-	-	-	-
Edgecombe CC	-	-	-	-
Fayettev'le TCC	-	-	-	-
Forsyth TCC	-	-	-	-
Gaston Col.	-	-	-	-
Guilford TCC	-	-	-	-
Halifax CC	-	-	-	-
Haywood CC	-	-	-	-
Isothermal CC	-	-	-	-
J. Sprunt CC	-	-	-	-
Johnston CC	-	-	-	-
Lenoir CC	-	-	-	-

Table 20

Capital Investment, Residential Buildings

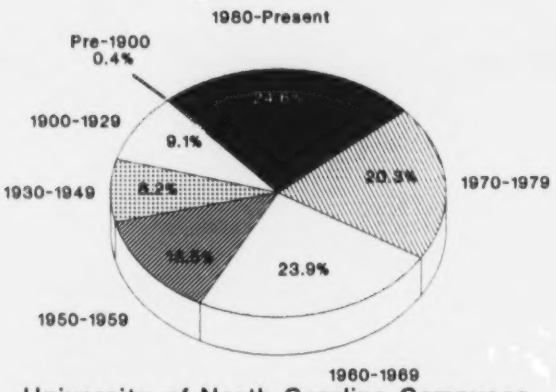
INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Community Colleges:				
Martin CC	-	-	-	-
Mayland CC	-	-	-	-
McDowell TCC	-	-	-	-
Mitchell CC	-	-	-	-
Montgomery CC	-	-	-	-
Nash CC	-	-	-	-
Pamlico CC	-	-	-	-
Piedmont CC	-	-	-	-
Pitt CC	-	-	-	-
Randolph CC	-	-	-	-
Richmond CC	-	-	-	-
Roanoke-Cho. CC	-	-	-	-
Robeson CC	-	-	-	-
Rockingham CC	-	-	-	-
Rowan-Cab. CC	-	-	-	-
Sampson CC	-	-	-	-
Sandhills CC	1	52,000	483,237	5,345
Southeastern CC	-	-	-	-
Southwestern CC	-	-	-	-
Stanly CC	-	-	-	-
Surry CC	-	-	-	-
Tri-County CC	-	-	-	-
Vance-Granv. CC	-	-	-	-
Wake TCC	-	-	-	-
Wayne CC	-	-	-	-
W. Piedmont CC	-	-	-	-
Wilkes CC	-	-	-	-
Wilson TCC	-	-	-	-
TOTAL	2	$ 56,000	$ 492,815	6,017

TABLE 21:
AGE OF BUILDINGS

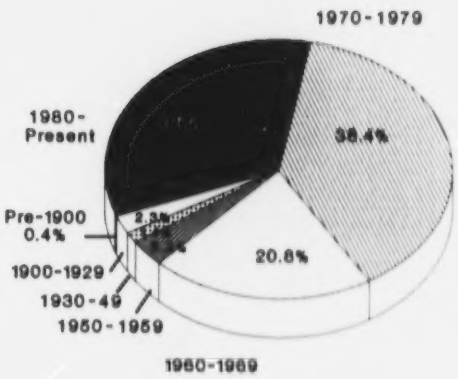
This table reports the total gross square footage of North Carolina colleges and universities by year of construction categories. For purposes of this study, the year of construction is defined as the year that the building was completed regardless of any later year of occupancy.

Although this table gives some indication of how new an institution's facilities are, it does not take into account renovations. The data in this table should, therefore, be considered in conjunction with Table 22 (Condition of Buildings) and Table 23 (Estimated Cost to Renovate or Replace Unsatisfactory Facilities).

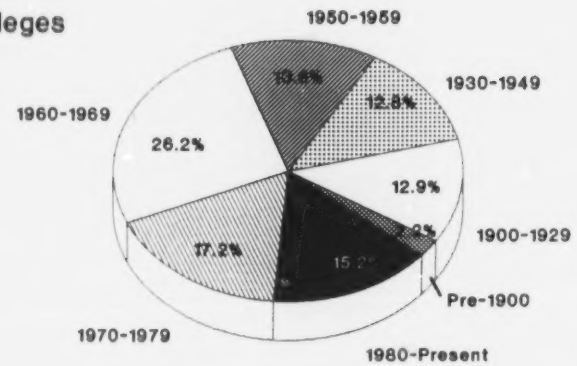
PERCENTAGE DISTRIBUTION OF GROSS AREA BY AGE OF BUILDINGS



University of North Carolina Campuses
and UNC Hospitals at Chapel Hill



Community Colleges



Private Institutions

Age of Buildings

Table 21

INSTITUTION	Total Gross Square Feet	Period of Construction: Pre-1900 Gross Sq. Ft.	1900-1929 Gross Sq. Ft.	1930-1949 Gross Sq. Ft.	1950-1959 Gross Sq. Ft.	1960-1969 Gross Sq. Ft.	1970-1979 Gross Sq. Ft.	1980-Present Gross Sq. Ft.
Research Universities I:								
NC State	7,731,691	44,407	896,270	1,012,013	1,521,028	1,646,239	1,168,730	1,443,004
NC State Vet.	381,311	-	-	28,559	3,979	3,746	-	345,027
UNC-Chapel Hill	7,056,406	123,808	1,542,124	824,958	551,760	1,889,705	544,367	1,579,684
UNC-Health Aff.	3,359,608	-	-	146,126	278,218	561,547	1,471,677	902,040
SUBTOTAL	18,529,016	168,215	2,438,394	2,011,656	2,354,985	4,101,237	3,184,774	4,269,755
Doctoral Granting Universities II:								
UNC-Greensboro	2,822,090	31,100	630,847	232,378	425,091	480,899	665,759	356,016
Comprehensive I Universities:								
Appalachian	2,929,909	-	85,269	206,903	380,942	1,097,978	669,857	488,960
East Carolina	3,047,268	-	323,282	178,650	534,358	1,191,074	554,711	265,193
ECU-Health Aff.	706,777	-	-	-	19,975	41,378	105,279	540,145
Fayetteville	914,418	-	26,913	130,703	70,410	218,938	193,214	274,240
NC A & T	2,220,357	-	99,089	155,758	795,338	335,089	301,161	533,922
NC Central	1,554,253	-	36,379	225,213	469,874	332,330	174,475	315,982
UNC-Charlotte	2,992,384	-	-	-	-	569,503	1,026,471	1,396,410
UNC-Wilmington	1,454,111	-	9,000	12,250	-	234,802	498,554	699,505
West'n Carolina	2,353,615	-	56,107	182,379	332,898	706,902	581,073	494,256
SUBTOTAL	18,173,092	-	636,039	1,091,856	2,603,795	4,727,994	4,104,795	5,008,613
Comprehensive II Universities:								
Elizabeth City	797,117	-	89,399	57,955	107,940	157,192	148,883	235,748
Pembroke	703,303	-	-	15,556	29,220	269,561	319,139	69,827
UNC-Asheville	749,824	-	6,029	-	-	299,360	95,850	348,585
Winston-Salem	919,988	-	97,672	80,460	59,750	224,807	277,422	179,877
SUBTOTAL	3,170,232	-	193,100	153,971	196,910	950,920	841,294	834,037
Specialized Institution:								
NC Sch. of Arts	616,205	-	170,063	102,335	26,382	149,021	113,629	54,775
Teaching Hospitals:								
UNC Hosp. at C.H.	1,271,461	-	-	54,174	389,251	244,238	142,217	441,581
Community Colleges:								
SUBTOTAL	13,228,738	52,368	307,750	181,910	432,114	2,745,753	5,078,896	4,429,947
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	13,634,922	35,728	1,420,627	2,189,371	1,954,972	2,016,363	3,244,682	2,773,179
Gen. Baccalaureate Colleges:								
SUBTOTAL	16,265,383	468,820	2,517,915	1,807,675	2,105,608	5,582,214	1,928,233	1,854,918
Junior Colleges:								
SUBTOTAL	1,864,119	201,547	159,200	53,743	253,315	711,590	282,195	202,529
GRAND TOTAL	89,575,258	957,778	8,473,935	7,879,069	10,742,423	21,710,229	19,586,474	20,225,350

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Age of Buildings

Table 21

INSTITUTION	Total Gross Square Feet	Period of Construction: Pre-1900 Gross Sq. Ft.	1900-1929 Gross Sq. Ft.	1930-1949 Gross Sq. Ft.	1950-1959 Gross Sq. Ft.	1960-1969 Gross Sq. Ft.	1970-1979 Gross Sq. Ft.	1980-Present Gross Sq. Ft.
Community Colleges:								
Alamance CC	200,945	-	25,729	-	600	-	116,156	58,460
Anson CC	62,858	8,689	-	8,423	-	-	24,912	20,834
Ashev'le-Bun. TCC	432,844	9,981	-	10,411	35,142	108,940	77,917	190,453
Beaufort Co. CC	128,848	-	-	-	-	-	96,967	31,881
Bladen CC	103,372	-	-	-	7,170	-	69,822	26,380
Blue Ridge CC	163,140	-	-	-	-	-	90,815	72,325
Brunswick CC	145,957	-	-	13,813	-	22,989	950	108,205
Caldwell CC & TI	198,740	-	-	-	-	60,471	89,869	48,400
Cape Fear CC	221,912	-	-	-	-	45,540	152,849	23,523
Carteret CC	172,834	-	-	18,000	22,439	32,103	52,377	47,915
Catawba Vy. CC	274,863	-	-	1,650	4,600	74,471	120,835	73,307
C. Carolina CC	228,129	-	-	-	-	67,102	32,400	128,627
C. Piedmont CC	1,382,574	-	106,968	45,533	67,297	233,651	601,612	327,513
Cleveland CC	192,334	-	-	-	-	1,875	45,314	145,145
Coastal Car. CC	243,416	-	-	-	-	-	169,867	73,549
Col. Albemarle	184,196	-	-	5,268	-	-	54,805	124,123
Craven CC	152,266	-	-	-	-	-	73,770	78,496
Davidson Co. CC	211,332	-	-	-	-	85,340	99,766	26,226
Durham TCC	237,027	-	-	-	-	89,825	50,082	97,120
Edgecombe CC	162,094	-	37,209	-	-	-	62,385	62,500
Fayettev'le TCC	448,298	-	-	-	40,651	166,963	133,811	106,873
Forsyth TCC	444,080	-	-	-	78,490	162,953	63,131	139,506
Gaston Col.	365,950	-	-	-	-	153,100	107,325	105,525
Guilford TCC	609,500	1,931	46,620	10,850	84,325	123,010	187,143	155,621
Halifax CC	132,607	-	-	-	-	-	79,607	53,000
Haywood CC	294,484	-	-	17,354	-	25,972	142,764	108,394
Isothermal CC	220,057	-	-	-	-	57,962	119,876	42,219
J. Sprunt CC	117,601	-	-	3,040	-	24,245	76,630	13,686
Johnston CC	200,098	-	-	-	4,697	-	86,523	108,878
Lenoir CC	224,062	-	-	-	10,622	41,534	142,746	29,160
Martin CC	217,105	-	-	-	-	-	131,825	85,280
Mayland CC	82,161	-	-	-	-	-	36,571	45,590
McDowell TCC	95,881	-	-	-	3,875	30,104	35,658	26,244
Mitchell CC	246,514	31,767	86,106	20,234	-	32,819	75,588	-
Montgomery CC	72,452	-	-	-	-	-	64,090	8,362
Nash CC	183,084	-	-	-	-	-	72,759	110,325
Pamlico CC	40,198	-	-	-	-	-	40,198	-
Piedmont CC	117,486	-	-	-	-	-	88,429	29,057
Pitt CC	200,624	-	-	-	-	78,185	50,360	72,079
Randolph CC	205,980	-	-	-	-	44,387	76,333	85,260
Richmond CC	158,864	-	-	9,000	2,225	56,560	34,785	56,294
Roanoke-Cho. CC	137,175	-	-	-	-	9,633	51,624	75,918
Robeson CC	183,243	-	-	-	-	-	74,419	108,824
Rockingham CC	269,195	-	-	-	-	148,238	63,909	57,048
Rowan-Cab. CC	227,528	-	5,118	-	-	82,925	96,525	42,960
Sampson CC	117,646	-	-	-	-	2,381	51,865	63,400
Sandhills CC	275,945	-	-	-	-	128,165	64,907	82,873
Southeastern CC	171,005	-	-	-	6,180	80,363	66,014	18,448
Southwestern CC	194,728	-	-	-	-	-	75,826	118,902
Stanly CC	100,311	-	-	-	-	14,131	44,245	41,935
Surry CC	182,076	-	-	-	-	66,452	100,254	15,370
Tri-County CC	103,973	-	-	18,334	-	9,720	17,520	58,399
Vance-Granv. CC	202,332	-	-	-	-	-	138,595	63,737
Wake TCC	404,110	-	-	-	-	95,886	103,471	204,753
Wayne CC	298,369	-	-	-	36,417	55,024	56,969	149,959
W. Piedmont CC	195,113	-	-	-	-	72,716	54,469	67,928
Wilkes CC	223,482	-	-	-	-	98,598	57,322	67,562
Wilson TCC	165,740	-	-	-	27,384	61,420	31,340	45,596
TOTAL	13,228,738	52,368	307,750	181,910	432,114	2,745,753	5,078,896	4,429,947

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TABLE 22:
CONDITION OF BUILDINGS

The condition of campus buildings has been a matter of increasing concern to college and university administrators. As institutional budgets tightened during the 1970s, several institutions attempted to economize by deferring the maintenance of facilities. Many institutions continued this policy through the 1980s. As a result, some colleges and universities now have buildings which are in such poor condition that they can no longer satisfactorily support the programs for which they were intended. Increasing costs of new construction have made proper maintenance of campus physical plants even more important.

The data in Table 22 are based on the assessment of building conditions by the facilities project officers at the institutions. Although few of them are architects or engineers, they generally have (or have access to) sufficient information about the condition of their institutions' facilities to be able to accurately assign a condition code to each campus building. In those cases where campus project officers do not have this information, they are encouraged to consult qualified physical plant personnel each year for assignment of a condition code. These codes are defined on the following page.

The sums of the percentages for each institution should in theory add to exactly 100.0, but in some cases they do not because of rounding.

BUILDING CONDITION

1. Definition. The physical status and quality of the building at the time of the inventory, based on the best judgment of those responsible for campus development.

2. Description. This building characteristic has the following categories:

   1 - Satisfactory

   Suitable for continued use with normal maintenance.

   2 - Remodeling A

   Requires restoration to present acceptable standards without major room use changes, alterations, or modernizations. The approximate cost of "Remodeling A" is not greater than 25% of the estimated replacement cost of the building.

   3 - Remodeling B

   Requires major updating and/or modernization of the building. The approximate cost of "Remodeling B" is greater than 25%, but not greater than 50% of the estimated replacement cost of the building.

   4 - Remodeling C

   Requires major remodeling of the building. The approximate cost of "Remodeling C" is greater than 50% of the replacement cost of the building.

   5 - Demolition

   Should be demolished or abandoned because the building is unsafe or structurally unsound, irrespective of the need for the space or the availability of funds for a replacement. If a building is scheduled for demolition, its condition is recorded as "demolition," regardless of true condition.

   6 - Termination

   Planned termination or relinquishment of occupancy of the building for reasons other than unsafeness or structural unsoundness, such as abandonment of temporary units or vacation of leased space. If a building is scheduled for termination, its condition is recorded as "termination," regardless of true condition.

Condition of Buildings

Table 22

INSTITUTION	Satisfactory Gross Sq. Ft.	%	Remodeling A Gross Sq. Ft.	%	Remodeling B Gross Sq. Ft.	%	Remodeling C Gross Sq. Ft.	%	Demolition Gross Sq. Ft.	%	Termination Gross Sq. Ft.	%	Total Gross Square Feet
Research Universities I:													
NC State	2,074,349	26.8	2,408,314	31.1	2,662,832	34.4	538,176	7.0	48,020	0.6	-	-	7,731,691
NC State Vet.	32,712	8.6	329,300	86.4	17,499	4.6	1,800	0.5	-	-	-	-	381,311
UNC-Chapel Hill	3,654,647	51.8	2,252,441	31.9	733,656	10.4	278,941	4.0	133,330	1.9	3,391	<0.1	7,056,406
UNC-Health Aff.	2,478,986	73.8	491,430	14.6	265,515	7.9	6,691	0.2	16,397	0.5	100,589	3.0	3,359,608
SUBTOTAL	8,240,694	44.5	5,481,485	29.6	3,679,502	19.9	825,608	4.5	197,747	1.1	103,980	0.6	18,529,016
Doctoral Granting Universities II:													
UNC-Greensboro	469,478	16.6	1,044,884	37.0	389,282	13.8	892,031	31.6	10,195	0.4	16,220	0.6	2,822,090
Comprehensive I Universities:													
Appalachian	2,392,827	81.7	383,524	13.1	135,668	4.6	17,890	0.6	-	-	-	-	2,929,909
East Carolina	697,437	22.9	1,600,219	52.5	329,878	10.8	395,734	13.0	24,000	0.8	-	-	3,047,268
ECU-Health Aff.	624,723	88.4	21,042	3.0	59,762	8.5	-	-	-	-	1,250	0.2	706,777
Fayetteville	552,695	60.4	132,580	14.5	196,276	21.5	-	-	32,867	3.6	-	-	914,418
NC A & T	1,155,878	52.1	809,233	36.4	230,709	10.4	18,627	0.8	5,910	0.3	-	-	2,220,357
NC Central	1,034,677	66.6	281,848	18.1	61,696	4.0	171,653	11.0	4,379	0.3	-	-	1,554,253
UNC-Charlotte	2,762,621	92.3	229,763	7.7	-	-	-	-	-	-	-	-	2,992,384
UNC-Wilmington	1,386,918	95.4	57,533	4.0	660	<0.1	8,000	0.6	1,000	0.1	-	-	1,454,111
West'n Carolina	1,762,330	74.9	218,341	9.3	316,325	13.4	56,619	2.4	-	-	-	-	2,353,615
SUBTOTAL	12,370,106	68.1	3,734,083	20.5	1,330,974	7.3	668,523	3.7	68,156	0.4	1,250	<0.1	18,173,092
Comprehensive II Universities:													
Elizabeth City	373,574	46.9	244,168	30.6	136,536	17.1	42,839	5.4	-	-	-	-	797,117
Pembroke	635,070	90.3	40,443	5.8	25,070	3.6	2,720	0.4	-	-	-	-	703,303
UNC-Asheville	311,204	41.5	101,879	13.6	143,682	19.2	193,059	25.7	-	-	-	-	749,824
Winston-Salem	80,471	8.7	532,195	57.8	147,744	16.1	97,123	10.6	62,455	6.8	-	-	919,988
SUBTOTAL	1,400,319	44.2	918,685	29.0	453,032	14.3	335,741	10.6	62,455	2.0	-	-	3,170,232
Specialized Institution:													
NC Sch. of Arts	555,781	90.2	27,768	4.5	-	-	32,656	5.3	-	-	-	-	616,205
Teaching Hospitals:													
UNC Hosp. at C. H.	1,271,461	100.0	-	-	-	-	-	-	-	-	-	-	1,271,461
Community Colleges:													
SUBTOTAL	12,243,409	92.6	464,889	3.5	245,975	1.9	211,620	1.6	5,623	<0.1	57,222	0.4	13,228,738
PRIVATE INSTITUTIONS													
Major Research Universities:													
SUBTOTAL	13,462,600	98.7	104,815	0.8	54,072	0.4	4,753	<0.1	8,682	0.1	-	-	13,634,922
Gen. Baccalaureate Colleges:													
SUBTOTAL	13,906,014	85.5	1,410,702	8.7	305,934	1.9	615,692	3.8	12,316	0.1	14,725	0.1	16,265,383
Junior Colleges:													
SUBTOTAL	1,848,161	99.1	13,848	0.7	2,110	0.1	-	-	-	-	-	-	1,864,119
GRAND TOTAL	65,768,023	73.4	13,201,159	14.7	6,460,881	7.2	3,586,624	4.0	365,174	0.4	193,397	0.2	89,575,258

Table 22

Condition of Buildings

INSTITUTION	Satisfactory Gross Sq. Ft.	%	Remodeling A Gross Sq. Ft.	%	Remodeling B Gross Sq. Ft.	%	Remodeling C Gross Sq. Ft.	%	Demolition Gross Sq. Ft.	%	Termination Gross Sq. Ft.	%	Total Gross Square Feet
Community Colleges:													
Alamance CC	175,216	87.2	25,729	12.8	-	-	-	-	-	-	-	-	200,945
Anson CC	20,834	33.1	8,689	13.8	24,912	39.6	8,423	13.4	-	-	-	-	62,858
Asheville-Bun. TCC	412,471	95.3	12,576	2.9	7,797	1.8	-	-	-	-	-	-	432,844
Beaufort Co. CC	128,848	100.0	-	-	-	-	-	-	-	-	-	-	128,848
Bladen CC	98,931	95.7	3,841	3.7	600	0.6	-	-	-	-	-	-	103,372
Blue Ridge CC	163,140	100.0	-	-	-	-	-	-	-	-	-	-	163,140
Brunswick CC	132,869	91.0	950	0.7	2,675	1.8	5,976	4.1	3,487	2.4	-	-	145,957
Caldwell CC & TI	198,740	100.0	-	-	-	-	-	-	-	-	-	-	198,740
Cape Fear CC	221,912	100.0	-	-	-	-	-	-	-	-	-	-	221,912
Carteret CC	97,592	56.5	47,517	27.5	10,371	6.0	16,058	9.3	-	-	1,296	0.7	172,834
Catawba Vy. CC	274,863	100.0	-	-	-	-	-	-	-	-	-	-	274,863
C. Carolina CC	228,129	100.0	-	-	-	-	-	-	-	-	-	-	228,129
C. Piedmont CC	936,477	67.7	210,621	15.2	139,133	10.1	96,343	7.0	-	-	-	-	1,382,574
Cleveland CC	192,334	100.0	-	-	-	-	-	-	-	-	-	-	192,334
Coastal Car. CC	243,416	100.0	-	-	-	-	-	-	-	-	-	-	243,416
Col. Albemarle	178,928	97.1	-	-	-	-	5,268	2.9	-	-	-	-	184,196
Craven CC	152,266	100.0	-	-	-	-	-	-	-	-	-	-	152,266
Davidson Co. CC	211,332	100.0	-	-	-	-	-	-	-	-	-	-	211,332
Durham TCC	237,027	100.0	-	-	-	-	-	-	-	-	-	-	237,027
Edgecombe CC	162,094	100.0	-	-	-	-	-	-	-	-	-	-	162,094
Fayettev'le TCC	400,447	89.3	7,200	1.6	-	-	40,651	9.1	-	-	-	-	448,298
Forsyth TCC	444,080	100.0	-	-	-	-	-	-	-	-	-	-	444,080
Gaston Col.	365,950	100.0	-	-	-	-	-	-	-	-	-	-	365,950
Guilford TCC	609,500	100.0	-	-	-	-	-	-	-	-	-	-	609,500
Halifax CC	132,607	100.0	-	-	-	-	-	-	-	-	-	-	132,607
Haywood CC	292,084	99.2	2,400	0.8	-	-	-	-	-	-	-	-	294,484
Isothermal CC	220,057	100.0	-	-	-	-	-	-	-	-	-	-	220,057
J. Sprunt CC	115,057	97.8	-	-	-	-	1,272	1.1	1,272	1.1	-	-	117,601
Johnston CC	200,098	100.0	-	-	-	-	-	-	-	-	-	-	200,098
Lenoir CC	215,038	96.0	-	-	-	-	-	-	-	-	9,024	4.0	224,062
Martin CC	217,105	100.0	-	-	-	-	-	-	-	-	-	-	217,105
Mayland CC	82,161	100.0	-	-	-	-	-	-	-	-	-	-	82,161
McDowell TCC	95,881	100.0	-	-	-	-	-	-	-	-	-	-	95,881
Mitchell CC	162,347	65.9	24,508	9.9	32,830	13.3	26,829	10.9	-	-	-	-	246,514
Montgomery CC	72,452	100.0	-	-	-	-	-	-	-	-	-	-	72,452
Nash CC	183.084	100.0	-	-	-	-	-	-	-	-	-	-	183,084
Pamlico CC	40,198	100.0	-	-	-	-	-	-	-	-	-	-	40,198
Piedmont CC	117,486	100.0	-	-	-	-	-	-	-	-	-	-	117,486
Pitt CC	192,368	95.9	-	-	-	-	-	-	-	-	8,256	4.1	200,624
Randolph CC	205,980	100.0	-	-	-	-	-	-	-	-	-	-	205,980
Richmond CC	158,864	100.0	-	-	-	-	-	-	-	-	-	-	158,864
Roanoke-Cho. CC	127,542	93.0	-	-	-	-	-	-	-	-	9,633	7.0	137,175
Robeson CC	183,243	100.0	-	-	-	-	-	-	-	-	-	-	183,243
Rockingham CC	269,195	100.0	-	-	-	-	-	-	-	-	-	-	269,195
Rowan-Cab. CC	227,528	100.0	-	-	-	-	-	-	-	-	-	-	227,528
Sampson CC	117,646	100.0	-	-	-	-	-	-	-	-	-	-	117,646
Sandhills CC	162,484	58.9	106,727	38.7	4,334	1.6	2,400	0.9	-	-	-	-	275,945
Southeastern CC	171,005	100.0	-	-	-	-	-	-	-	-	-	-	171,005
Southwestern CC	194,728	100.0	-	-	-	-	-	-	-	-	-	-	194,728
Stanly CC	86,180	85.9	14,131	14.1	-	-	-	-	-	-	-	-	100,311
Surry CC	182,076	100.0	-	-	-	-	-	-	-	-	-	-	182,076
Tri-County CC	88,168	84.8	-	-	6,541	6.3	8,400	8.1	864	0.8	-	-	103,973
Vance-Granv. CC	202,332	100.0	-	-	-	-	-	-	-	-	-	-	202,332
Wake TCC	404,110	100.0	-	-	-	-	-	-	-	-	-	-	404,110
Wayne CC	252,574	84.7	-	-	16,782	5.6	-	-	-	-	29,013	9.7	298,369
W. Piedmont CC	195,113	100.0	-	-	-	-	-	-	-	-	-	-	195,113
Wilkes CC	223,482	100.0	-	-	-	-	-	-	-	-	-	-	223,482
Wilson TCC	165,740	100.0	-	-	-	-	-	-	-	-	-	-	165,740
TOTAL	12,243,409	92.6	464,889	3.5	245,975	1.9	211,620	1.6	5,623	<0.1	57,222	0.4	13,228,738

TABLE 23:
ESTIMATED COST TO RENOVATE OR REPLACE UNSATISFACTORY FACILITIES

The common practice of deferring standard maintenance of college and university facilities has forced many institutions to face the prospect of extensive renovations and the total replacement of some buildings. On a national level, the cost of bringing buildings to a satisfactory condition and replacing inadequate facilities has been recently estimated at over $60 billion.

Table 23 estimates the costs of bringing all campus buildings to a satisfactory condition by renovating unsatisfactory facilities and replacing buildings which are designated for demolition due to their unsafe condition or which will be vacated by institutions for any other reason. It does not estimate the cost of new construction required by any inadequacies in the amount of space.

These estimates were calculated by taking the estimated replacement value of each unsatisfactory building and multiplying it by the appropriate "cost midpoint" based on the condition of the building. (See Table 19 for a discussion of estimated replacement values and Table 22 for definitions of condition codes.)

The cost midpoints used in generating the estimates for Table 23 are as follows:

Condition	Cost Midpoint
Remodeling A	20%
Remodeling B	37.5%
Remodeling C	75%
Demolition	100%
Termination	100%

Thus, for example, if a building in Remodeling A condition has an estimated replacement value of $1,000,000, the cost to bring it to satisfactory condition would be estimated to be $200,000.

Current year dollar figures for total campus original building cost, estimated replacement cost, and renovation/replacement needs are presented in the table.

Table 23

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

INSTITUTION	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
Research Universities I:			
NC State	$ 208,129,362	$ 541,104,878	$139,308,005
NC State Vet.	23,980,833	33,329,054	6,265,615
UNC-Chapel Hill	215,710,140	804,164,806	135,781,523
UNC-Health Aff.	127,535,339	386,148,422	40,654,599
SUBTOTAL	575,355,674	1,764,747,160	322,009,742
Doctoral Granting Universities II:			
UNC-Greensboro	68,165,000	198,900,889	72,078,764
Comprehensive I Universities:			
Appalachian	88,479,760	219,655,092	9,066,917
East Carolina	70,830,275	213,081,301	50,937,385
ECU-Health Aff.	41,488,482	61,410,310	2,136,672
Fayetteville	32,332,571	69,378,323	9,106,260
NC A & T	68,093,649	167,223,756	17,045,253
NC Central	39,714,075	112,902,301	15,112,430
UNC-Charlotte	110,805,523	212,458,705	3,983,699
UNC-Wilmington	64,288,399	113,893,177	1,681,193
West'n Carolina	65,774,497	171,334,448	14,369,529
SUBTOTAL	581,807,231	1,341,337,413	123,439,338
Comprehensive II Universities:			
Elizabeth City	26,874,091	61,897,055	9,771,758
Pembroke	21,999,922	52,433,770	1,345,539
UNC-Asheville	37,427,563	56,804,262	14,554,756
Winston-Salem	29,125,322	65,393,425	20,975,884
SUBTOTAL	115,426,898	236,528,512	46,647,937

Table 23

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

INSTITUTION	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
Specialized Institution:			
NC Sch. of Arts	$ 19,466,304	$ 52,225,135	$ 1,695,223
Teaching Hospitals:			
UNC Hosp. at C.H.	66,649,183	148,009,145	-
Community Colleges:			
SUBTOTAL	445,434,682	883,851,217	25,727,299
	PRIVATE INSTITUTIONS		
Major Research Universities:			
SUBTOTAL	576,383,685	1,769,828,842	7,960,455
Gen. Baccalaureate Colleges:			
SUBTOTAL	353,777,293	1,141,381,460	45,111,583
Junior Colleges:			
SUBTOTAL	37,091,119	132,288,760	233,907
GRAND TOTAL	$2,839,557,069	$7,669,098,533	$644,904,248

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

Table 23

INSTITUTION	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
Community Colleges:			
Alamance CC	$ 9,337,403	$ 17,619,905	$ 305,180
Anson CC	1,886,292	4,144,258	1,364,902
Ashev'le-Bun. TCC	13,871,798	29,494,215	371,524
Beaufort Co. CC	3,691,187	7,604,544	-
Bladen CC	2,797,818	6,563,155	9,678
Blue Ridge CC	6,274,436	10,671,643	-
Brunswick CC	6,759,818	9,131,586	451,437
Caldwell CC & TI	6,852,563	14,742,695	-
Cape Fear CC	4,951,014	17,160,357	-
Carteret CC	5,469,210	12,912,527	1,407,966
Catawba Vy. CC	8,560,568	19,701,607	-
C. Carolina CC	8,050,066	17,775,352	-
C. Piedmont CC	28,423,272	66,762,972	12,214,350
Cleveland CC	9,021,301	13,753,970	-
Coastal Car. CC	12,262,528	19,461,480	-
Col. Albemarle	8,020,940	14,273,997	294,418
Craven CC	6,757,343	11,119,802	-
Davidson Co. CC	5,949,765	14,451,543	-
Durham TCC	8,253,928	15,747,553	-
Edgecombe CC	5,573,700	10,909,068	-
Fayettev'le TCC	11,680,365	27,963,693	1,894,559
Forsyth TCC	13,742,152	32,319,315	-
Gaston Col.	11,196,618	26,461,761	-
Guilford TCC	17,687,691	44,005,515	-
Halifax CC	4,683,903	6,949,872	-
Haywood CC	11,333,160	18,061,979	32,113
Isothermal CC	8,478,885	14,569,101	-
J. Sprunt CC	3,096,076	7,316,303	43,451
Johnston CC	9,706,400	14,039,528	-
Lenoir CC	6,981,729	15,070,094	582,303

Table 23

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

INSTITUTION	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
Community Colleges:			
Martin CC	4,550,955	9,627,341	-
Mayland CC	4,077,209	5,954,729	-
McDowell TCC	3,976,052	7,573,670	-
Mitchell CC	3,829,528	15,122,400	2,310,492
Montgomery CC	2,520,126	4,212,052	-
Nash CC	7,059,360	10,410,033	-
Pamlico CC	1,528,200	3,657,119	-
Piedmont CC	5,610,180	9,042,247	-
Pitt CC	7,142,580	13,803,818	213,663
Randolph CC	7,701,336	13,638,478	-
Richmond CC	4,984,574	11,144,594	-
Roanoke-Cho. CC	5,165,869	9,237,456	628,391
Robeson CC	8,954,000	13,299,940	-
Rockingham CC	9,037,674	18,671,600	-
Rowan-Cab. CC	7,501,016	16,146,798	-
Sampson CC	4,797,302	7,351,781	-
Sandhills CC	10,057,467	18,861,716	1,579,608
Southeastern CC	3,871,309	10,751,493	-
Southwestern CC	9,277,721	13,374,662	-
Stanly CC	3,346,302	6,829,935	182,958
Surry CC	5,436,344	11,857,081	-
Tri-County CC	3,925,673	7,239,490	566,004
Vance-Granv. CC	9,399,347	16,095,120	-
Wake TCC	16,031,207	26,345,783	-
Wayne CC	14,870,341	21,766,145	1,274,302
W. Piedmont CC	7,910,241	14,992,648	-
Wilkes CC	6,932,284	13,970,085	-
Wilson TCC	4,588,556	12,113,613	-
TOTAL	$445,434,682	$883,851,217	$25,727,299

Student Center Complex, Haywood Community College

Haywood Community College's new $4 million Student Center Complex was designed to provide space for a wide variety of student service and administrative functions with easy access to each area. This latest addition to the Clyde campus is a two-level, 45,700-square foot complex which now houses the bookstore, cafeteria, student lounge, a 950-seat auditorium, and office work areas for public information, institutional research, and the President's office.

Almost 90% of HCC's assignable campus space is accessible to the mobility impaired. This demonstrates the institution's long and continuing commitment to serving the needs of people with these special challenges.

Accessibility of Facilities to the Mobility Impaired

Accessible Area as a Percentage of Assignable 169
Accessible Area by Programs and Subprograms 175
Accessible Area by Room Code 193

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TABLE 24:
ACCESSIBLE AREA AS A PERCENTAGE OF ASSIGNABLE

The Rehabilitation Act of 1973 focused national attention on the rights of handicapped persons. Section 504 of the Act states that "no otherwise qualified handicapped individual in the United States . . . shall, solely by reason of his handicap, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance."

One of the groups protected by Section 504 is the people who are confined to wheelchairs or whose mobility is otherwise impaired. Although Section 504 does not require that colleges and universities make all of their facilities barrier-free, it does require that the institution's programs be made accessible to the handicapped. Although program accessibility can be partially achieved through changes other than facilities modifications, the amount of assignable space which is accessible to the mobility impaired is a factor which must be carefully considered in making programs accessible.

The National Center for Education Statistics conducted a survey in 1978 to determine the impact of Section 504 on colleges and universities. One of the findings of the survey was that about 76% of the assignable area on college and university campuses would need to be made accessible in order to comply with the program accessibility requirement of Section 504. The survey also found, however, that this percentage varied greatly among different institutions. Since the 1978 study, total campus accessibility for institutions throughout the country have improved dramatically. The more recent 1990 Americans with Disabilities Act (ADA) provides a very comprehensive set of regulations and definitions for addressing the special needs of people with a broad range of disabilities.

For purposes of this study, assignable space is considered to be accessible if a person with a mobility impairment (i.e., confined to a wheelchair or other support device such as a walker) can, without assistance, reach that space from immediately outside the building in which the space is located.

Table 24

Accessible Area As a Percentage of Assignable

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible 1991	1990	1989	1988	1987
Research Universities I:							
NC State	4,539,013	2,634,578	58.0	54.9	54.3	53.1	52.9
NC State Vet.	228,913	200,679	87.7	90.6	90.6	89.3	89.3
UNC-Chapel Hill	4,637,649	2,793,756	60.2	59.6	59.5	59.0	58.6
UNC-Health Aff.	1,361,535	1,283,000	94.2	94.4	92.6	88.4	86.2
SUBTOTAL	10,767,110	6,912,013	64.2	62.9	62.0	60.8	60.2
Doctoral Granting Universities II:							
UNC-Greensboro	1,801,430	1,158,308	64.3	64.1	66.1	60.7	59.2
Comprehensive I Universities:							
Appalachian	2,015,539	1,166,231	57.9	57.6	55.8	55.3	53.0
East Carolina	2,155,824	1,071,450	49.7	50.1	49.9	48.2	44.8
ECU-Health Aff.	446,143	415,077	93.0	93.7	93.9	93.7	94.0
Fayetteville	599,442	309,944	51.7	48.0	48.0	48.0	47.9
NC A & T	1,541,144	842,773	54.7	50.7	50.7	49.8	47.6
NC Central	1,015,857	661,446	65.1	40.1	39.8	39.8	39.9
UNC-Charlotte	1,678,027	1,454,763	86.7	85.6	85.0	84.9	84.9
UNC-Wilmington	1,009,414	620,882	61.5	59.7	57.0	59.6	57.5
West'n Carolina	1,606,030	1,077,054	67.1	66.6	66.6	65.1	65.6
SUBTOTAL	12,067,420	7,619,620	63.1	59.8	58.9	58.4	57.3
Comprehensive II Universities:							
Elizabeth City	562,472	389,691	69.3	68.8	66.8	66.9	64.2
Pembroke	485,308	327,596	67.5	66.8	61.2	61.3	61.0
UNC-Asheville	496,786	426,633	85.9	85.8	82.7	82.4	78.0
Winston-Salem	614,288	378,084	61.5	61.5	55.2	55.0	55.0
SUBTOTAL	2,158,854	1,522,004	70.5	70.2	65.4	65.4	63.4

Table 24

Accessible Area As a Percentage of Assignable

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible 1991	1990	1989	1988	1987
Specialized Institution:							
NC Sch. of Arts	422,007	307,862	73.0	70.1	70.9	70.9	62.8
Teaching Hospitals:							
UNC Hosp. at C.H.	723,295	716,859	99.1	99.2	99.3	99.3	99.3
Community Colleges:							
SUBTOTAL	9,139,292	8,589,355	94.0	93.8	93.5	92.7	91.2
		PRIVATE INSTITUTIONS					
Major Research Universities:							
SUBTOTAL	7,743,972	5,172,755	66.8	67.2	66.3	66.6	64.4
Gen. Baccalaureate Colleges:							
SUBTOTAL	11,594,054	4,790,617	41.3	41.3	40.7	39.9	40.0
Junior Colleges:							
SUBTOTAL	1,300,631	700,827	53.9	48.8	48.1	46.9	44.8
GRAND TOTAL	57,718,065	37,490,220	65.0	63.9	63.1	62.2	60.9

Table 24

Accessible Area As a Percentage of Assignable

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible 1991	1990	1989	1988	1987
Community Colleges:							
Alamance CC	138,552	137,720	99.4	99.4	99.4	99.2	99.2
Anson CC	46,212	37,030	80.1	83.1	80.2	80.9	79.6
Ashev'le-Bun. TCC	289,234	256,813	88.8	88.8	86.8	77.6	75.6
Beaufort Co. CC	99,225	92,515	93.2	92.1	92.1	92.1	91.3
Bladen CC	79,000	75,636	95.7	95.7	96.3	96.3	95.9
Blue Ridge CC	120,402	119,773	99.5	99.5	99.5	99.5	99.4
Brunswick CC	111,311	95,796	86.1	86.1	86.1	81.0	74.6
Caldwell CC & TI	151,461	144,162	95.2	93.3	93.3	92.2	92.2
Cape Fear CC	148,124	144,608	97.6	97.5	97.3	97.3	97.3
Carteret CC	131,818	110,967	84.2	87.7	87.2	88.9	82.8
Catawba Vy. CC	202,697	193,965	95.7	88.1	88.1	87.3	72.1
C. Carolina CC	168,628	164,588	97.6	98.0	98.0	97.9	97.9
C. Piedmont CC	562,017	542,959	96.6	96.4	93.9	94.0	92.4
Cleveland CC	135,751	133,957	98.7	98.7	98.6	98.4	95.6
Coastal Car. CC	177,146	177,146	100.0	100.0	100.0	100.0	100.0
Col. Albemarle	119,091	118,966	99.9	99.9	99.9	99.9	99.9
Craven CC	105,737	105,277	99.6	99.6	99.4	99.4	99.4
Davidson Co. CC	147,011	144,516	98.3	98.4	98.4	98.4	99.7
Durham TCC	170,315	157,778	92.6	92.2	95.0	95.0	94.9
Edgecombe CC	106,993	90,204	84.3	84.3	81.8	81.8	81.8
Fayettev'le TCC	321,746	295,353	91.8	91.4	92.3	92.1	90.2
Forsyth TCC	324,221	318,682	98.3	98.2	98.2	98.1	98.1
Gaston Col.	254,433	219,352	86.2	93.3	93.3	93.0	93.0
Guilford TCC	442,334	364,610	82.4	79.8	79.9	78.7	69.6
Halifax CC	96,610	95,886	99.3	99.3	99.2	99.2	99.2
Haywood CC	226,216	202,474	89.5	87.6	88.3	88.3	88.3
Isothermal CC	169,036	149,431	88.4	87.9	85.0	85.0	82.6
J. Sprunt CC	86,453	83,123	96.1	96.1	94.7	94.5	91.1
Johnston CC	149,491	147,869	98.9	98.8	98.8	98.4	99.6
Lenoir CC	173,585	170,734	98.4	98.4	98.4	98.2	98.1

Table 24

Accessible Area As a Percentage of Assignable

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible 1991	1990	1989	1988	1987
Community Colleges:							
Martin CC	165,506	141,529	85.5	97.8	97.8	97.8	97.8
Mayland CC	59,447	58,825	99.0	99.0	98.9	85.0	92.1
McDowell TCC	72,456	69,719	96.2	96.2	96.2	96.1	96.1
Mitchell CC	176,390	148,117	84.0	84.0	82.6	82.6	82.6
Montgomery CC	50,518	50,361	99.7	99.7	99.4	99.4	99.4
Nash CC	133,392	132,124	99.0	99.0	99.0	94.3	85.7
Pamlico CC	28,725	27,496	95.7	95.7	95.7	95.7	95.7
Piedmont CC	98,184	96,949	98.7	98.7	98.7	98.7	97.4
Pitt CC	145,015	133,860	92.3	92.7	91.2	91.2	90.5
Randolph CC	156,999	156,999	100.0	100.0	100.0	100.0	100.0
Richmond CC	113,949	104,408	91.6	91.3	91.3	90.9	88.7
Roanoke-Cho. CC	101,223	97,803	96.6	95.9	95.9	95.9	95.9
Robeson CC	136,227	132,923	97.6	97.6	97.6	96.3	97.7
Rockingham CC	192,840	181,823	94.3	94.3	94.6	94.7	93.5
Rowan-Cab. CC	165,776	165,776	100.0	100.0	100.0	100.0	100.0
Sampson CC	87,516	85,856	98.1	98.1	98.1	98.1	96.8
Sandhills CC	200,250	187,207	93.5	93.4	93.9	92.3	92.3
Southeastern CC	128,180	115,083	89.8	81.1	80.4	80.3	80.3
Southwestern CC	143,013	136,674	95.6	95.6	97.8	97.8	96.6
Stanly CC	73,728	73,698	100.0	100.0	100.0	100.0	100.0
Surry CC	133,845	125,179	93.5	93.5	93.5	93.5	93.0
Tri-County CC	82,943	80,124	96.6	96.6	96.6	96.1	96.1
Vance-Granv. CC	134,928	131,340	97.3	97.2	97.2	96.6	88.3
Wake TCC	276,534	257,622	93.2	91.9	90.7	90.1	87.3
Wayne CC	210,013	201,022	95.7	95.6	95.2	90.6	91.3
W. Piedmont CC	133,900	128,709	96.1	96.1	94.3	92.7	92.7
Wilkes CC	165,536	160,682	97.1	97.1	97.1	96.8	96.8
Wilson TCC	117,409	115,557	98.4	98.5	98.5	98.4	98.5
TOTAL	9,139,292	8,589,355	94.0	93.8	93.5	92.7	91.2

TABLE 25:
ACCESSIBLE AREA
BY SUMMARY PROGRAMS AND SUBPROGRAMS

The requirement that all colleges and universities make their programs accessible to handicapped persons makes careful planning on the part of campus administrators especially important. Although program accessibility does not require that a campus be barrier-free, the concepts of program accessibility and facilities accessibility are inherently interrelated. Campus administrators must therefore analyze their campus facilities in terms of accessibility, focusing particularly on the kinds of space which are accessible.

Table 25 and Tables 25a-25d indicate for each program and subprogram the percentage of assignable space which is accessible to the mobility impaired. A dash indicates that a particular institution has no assignable space under the indicated program or subprogram. A "0.0" indicates that the institution has *assignable* space under the program and subprogram but that none of it is *accessible*. Definitions of the programs and subprograms listed in these tables can be found in the narratives preceding Tables 14-14d. Subprogram 03 (Building Service) is not included in Table 25d (and is not considered as part of Program 00 in Table 25) because it applies to nonassignable area only.

It is not possible to develop standards to indicate how much accessible space in each program and subprogram is needed to achieve program accessibility. The figures would vary from institution to institution based on the kinds of programmatic changes that had been implemented to assist handicapped persons. For example, the financial aid program at a college or university would be considered accessible if a handicapped student had the same access to the financial aid and related counseling which the institution offered to other students. This could be accomplished without making the space occupied by the financial aid office accessible. Thus, a program or subprogram which has little or no accessible area is not necessarily inaccessible.

Although the data in Table 25 and Tables 25a-25d cannot be used to ascertain whether program accessibility has been achieved, the information does provide facilities planners with a detailed breakdown of the accessible space on their campuses. This will in turn assist each institution in the determination of the most practical means of achieving program accessibility.

Table 25

Accessible Area by Summary Programs

(Percentages relate to assignable space in each program.)

INSTITUTION	Accessible Sq. Ft.	Instruction 10	Research 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns. 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unassigned 00
Research Universities I:											
NC State	2,634,578	71.9	74.6	68.3	93.8	27.1	64.8	59.9	-	27.7	28.0
NC State Vet.	200,679	72.2	92.2	99.7	97.0	93.1	41.3	74.1	-	-	-
UNC-Chapel Hill	2,793,756	80.7	89.7	72.5	78.1	35.7	61.8	75.0	-	65.4	29.7
UNC-Health Aff.	1,283,000	95.0	93.8	96.3	95.5	97.0	100.0	96.3	-	84.6	84.9
SUBTOTAL	6,912,013	78.8	82.0	80.7	85.6	32.8	63.1	69.0	-	66.2	38.7
Doctoral Granting Universities II:											
UNC-Greensboro	1,158,308	86.8	97.3	100.0	97.2	40.1	63.6	85.9	-	-	15.6
Comprehensive I Universities:											
Appalachian	1,166,231	75.0	98.2	85.3	94.7	36.4	66.7	66.2	-	100.0	31.8
East Carolina	1,071,450	77.5	76.7	92.2	97.0	20.2	38.1	47.3	-	91.4	82.7
ECU-Health Aff.	415,077	99.3	45.2	99.7	100.0	-	32.4	11.4	-	-	-
Fayetteville	309,944	72.4	100.0	35.2	85.3	19.7	70.4	26.1	-	0.0	-
NC A & T	842,773	68.3	56.6	15.8	80.9	21.0	84.5	81.2	-	0.0	97.8
NC Central	661,446	69.3	45.6	100.0	90.0	54.5	65.0	89.0	-	0.0	41.0
UNC-Charlotte	1,454,763	99.0	100.0	-	98.7	73.9	100.0	100.0	-	-	100.0
UNC-Wilmington	620,882	85.7	46.8	-	94.6	40.8	76.8	95.8	-	92.3	0.0
West'n Carolina	1,077,054	85.4	98.3	100.0	98.0	48.7	59.7	44.3	-	60.8	52.4
SUBTOTAL	7,619,620	80.6	71.2	87.7	93.0	40.4	66.2	62.8	-	57.2	60.6
Comprehensive II Universities:											
Elizabeth City	389,691	91.3	-	100.0	97.7	42.2	68.1	100.0	-	100.0	100.0
Pembroke	327,596	83.5	-	100.0	99.3	40.2	81.7	99.5	-	-	-
UNC-Asheville	426,633	89.8	100.0	100.0	100.0	75.5	61.1	98.5	-	98.9	100.0
Winston-Salem	378,084	70.5	31.7	19.3	89.3	43.0	41.6	90.4	-	100.0	99.5
SUBTOTAL	1,522,004	83.5	67.0	96.9	96.3	48.7	62.3	96.7	-	99.1	99.7
Specialized Institution:											
NC Sch. of Arts	307,862	92.9	-	100.0	94.1	35.8	46.1	99.1	-	100.0	99.4
Teaching Hospitals:											
UNC Hosp. at C. Hill	716,859	100.0	-	99.1	-	-	100.0	100.0	-	-	99.9
Community Colleges:											
SUBTOTAL	8,589,355	94.9	-	86.1	95.7	94.8	91.1	80.0	-	99.0	78.0
PRIVATE INSTITUTIONS											
Major Research Universities:											
SUBTOTAL	5,174,766	79.9	85.0	93.2	89.5	35.8	47.0	42.8	-	65.2	95.8
Gen. Baccalaureate Colleges:											
SUBTOTAL	4,790,617	60.6	66.0	29.1	78.7	34.2	17.2	37.1	-	8.6	12.3
Junior Colleges:											
SUBTOTAL	700,827	67.5	-	0.0	88.4	44.9	35.0	84.1	-	43.0	0.0
GRAND TOTAL	37,492,231	81.8	82.2	92.2	89.4	40.1	48.0	60.9	-	61.7	57.6

Table 25

Accessible Area by Summary Programs

(Percentages relate to assignable space in each program.)

INSTITUTION	Accessible Sq. Ft.	Instruction 10	Research 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns. 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unassigned 00
Community Colleges:											
Alamance CC	137,720	99.8	-	100.0	100.0	100.0	92.6	100.0	-	-	100.0
Anson CC	37,030	77.2	-	0.0	81.5	84.7	95.2	100.0	-	-	100.0
Ashev'le-Bun. TCC	256,813	89.5	-	100.0	94.0	100.0	68.1	98.2	-	-	82.1
Beaufort Co. CC	92,515	91.6	-	52.6	100.0	92.1	100.0	100.0	-	-	58.8
Bladen CC	75,636	94.8	-	-	98.3	94.2	99.5	-	-	100.0	100.0
Blue Ridge CC	119,773	99.4	-	100.0	100.0	99.8	97.7	100.0	-	100.0	-
Brunswick CC	95,796	77.5	-	100.0	100.0	98.5	97.6	100.0	-	100.0	84.9
Caldwell CC & TI	144,162	92.5	-	-	100.0	100.0	100.0	100.0	-	-	100.0
Cape Fear CC	144,608	97.8	-	100.0	100.0	93.3	99.0	100.0	-	0.0	-
Carteret CC	110,967	83.5	-	100.0	51.6	84.2	100.0	0.0	-	100.0	-
Catawba Vy. CC	193,965	100.0	-	100.0	100.0	100.0	56.4	-	-	100.0	-
C. Carolina CC	164,588	97.9	-	100.0	98.3	100.0	99.4	97.1	-	100.0	0.0
C. Piedmont CC	542,959	97.2	-	100.0	95.8	95.8	95.6	82.2	-	-	100.0
Cleveland CC	133,957	98.5	-	100.0	100.0	100.0	100.0	85.8	-	-	77.6
Coastal Car. CC	177,146	100.0	-	100.0	100.0	100.0	100.0	100.0	-	-	100.0
Col. Albemarle	118,966	99.8	-	100.0	100.0	100.0	100.0	100.0	-	-	-
Craven CC	105,277	99.4	-	100.0	100.0	100.0	100.0	-	-	-	-
Davidson Co. CC	144,516	100.0	-	0.0	98.4	98.7	99.7	100.0	-	100.0	-
Durham TCC	157,778	94.4	-	100.0	98.7	82.3	98.3	31.8	-	100.0	-
Edgecombe CC	90,204	83.0	-	100.0	100.0	100.0	100.0	-	-	-	34.7
Fayettev'le TCC	295,353	93.3	-	100.0	99.3	97.5	77.8	30.1	-	100.0	-
Forsyth TCC	318,682	98.0	-	100.0	99.0	98.8	98.5	100.0	-	100.0	100.0
Gaston Col.	219,352	95.8	-	0.0	56.8	94.6	67.5	73.9	-	-	-
Guilford TCC	364,610	82.3	-	96.3	87.3	90.1	87.6	4.7	-	-	9.1
Halifax CC	95,886	100.0	-	100.0	100.0	100.0	98.4	79.8	-	-	-
Haywood CC	202,474	85.1	-	100.0	94.7	100.0	100.0	99.1	-	100.0	100.0
Isothermal CC	149,431	94.3	-	100.0	25.8	84.1	89.3	100.0	-	-	-
J. Sprunt CC	83,123	97.4	-	100.0	100.0	96.3	100.0	65.3	-	-	-
Johnston CC	147,869	99.8	-	0.0	100.0	100.0	98.3	100.0	-	-	-
Lenoir CC	170,734	97.6	-	100.0	98.9	100.0	100.0	100.0	-	-	100.0
Martin CC	141,529	98.0	-	100.0	98.7	82.5	97.8	100.0	-	57.0	0.0
Mayland CC	58,825	99.8	-	100.0	100.0	100.0	92.8	100.0	-	-	-
McDowell TCC	69,719	96.7	-	100.0	100.0	97.8	84.3	100.0	-	-	-
Mitchell CC	148,117	93.3	-	100.0	97.9	59.6	66.9	8.8	-	100.0	76.7
Montgomery CC	50,361	99.6	-	-	100.0	100.0	99.2	100.0	-	-	100.0
Nash CC	132,124	99.1	-	100.0	100.0	100.0	95.2	100.0	-	-	-
Pamlico CC	27,496	99.9	-	100.0	100.0	100.0	98.1	0.0	-	-	-
Piedmont CC	96,949	97.9	-	99.1	100.0	100.0	99.6	100.0	-	100.0	-
Pitt CC	133,860	91.1	-	100.0	99.3	84.5	89.9	100.0	-	-	0.0
Randolph CC	156,999	100.0	-	100.0	100.0	100.0	100.0	100.0	-	-	-
Richmond CC	104,408	92.1	-	100.0	95.1	87.5	100.0	0.0	-	-	-
Roanoke-Cho. CC	97,803	100.0	-	100.0	100.0	100.0	99.5	100.0	-	-	62.9
Robeson CC	132,923	100.0	-	-	100.0	87.7	99.8	100.0	-	-	100.0
Rockingham CC	181,823	91.9	-	100.0	100.0	99.1	99.9	100.0	-	100.0	100.0
Rowan-Cab. CC	165,776	100.0	-	-	100.0	100.0	100.0	100.0	-	-	-
Sampson CC	85,856	97.0	-	-	100.0	100.0	99.5	100.0	-	-	-
Sandhills CC	187,207	95.0	-	100.0	97.7	98.6	63.8	97.2	-	100.0	0.0
Southeastern CC	115,083	85.5	-	100.0	98.9	97.7	100.0	100.0	-	-	-
Southwestern CC	136,674	100.0	-	0.0	100.0	100.0	99.3	0.0	-	100.0	100.0
Stanly CC	73,698	100.0	-	100.0	100.0	100.0	99.6	100.0	-	-	-
Surry CC	125,179	91.4	-	100.0	100.0	97.0	96.5	100.0	-	-	-
Tri-County CC	80,124	99.1	-	-	83.2	100.0	90.6	-	-	-	-
Vance-Granv. CC	131,340	99.4	-	100.0	100.0	98.1	77.2	100.0	-	-	-
Wake TCC	257,622	94.4	-	-	99.6	99.5	77.8	62.0	-	-	99.5
Wayne CC	201,022	93.2	-	100.0	100.0	98.4	99.5	100.0	-	-	100.0
W. Piedmont CC	128,709	99.5	-	100.0	100.0	99.6	100.0	6.0	-	-	100.0
Wilkes CC	160,682	98.1	-	0.0	100.0	92.8	99.6	100.0	-	96.7	-
Wilson TCC	115,557	100.0	-	100.0	99.6	96.3	83.7	100.0	-	-	-
TOTAL	8,589,355	94.9	-	86.1	95.7	94.8	91.1	80.0	-	99.0	78.0

Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

INSTITUTION	Gen'l Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen'l Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.
	11	12	13	14	15	16	17	18
Research Universities I:								
NC State	71.9	-	98.3	-	100.0	-	-	-
NC State Vet.	72.2	-	-	-	-	-	-	-
UNC-Chapel Hill	80.2	-	0.0	99.8	93.9	-	-	-
UNC-Health Aff.	95.7	-	100.0	100.0	55.1	-	-	-
SUBTOTAL	78.6	-	65.4	99.8	85.5	-	-	-
Doctoral Granting Universities II:								
UNC-Greensboro	86.8	-	100.0	-	-	-	-	-
Comprehensive I Universities:								
Appalachian	76.3	-	-	64.4	-	-	-	-
East Carolina	77.5	-	-	-	-	-	-	-
ECU-Health Aff.	99.3	-	-	-	-	-	-	-
Fayetteville	71.9	-	-	100.0	-	-	-	-
NC A & T	68.2	-	100.0	-	-	-	-	-
NC Central	69.2	-	95.2	-	-	100.0	-	-
UNC-Charlotte	99.0	-	-	-	-	-	-	-
UNC-Wilmington	86.6	-	-	-	24.0	-	-	-
West'n Carolina	85.3	-	100.0	100.0	100.0	100.0	-	-
SUBTOTAL	80.9	-	98.2	66.7	47.4	100.0	-	-
Comprehensive II Universities:								
Elizabeth City	91.1	-	100.0	-	-	-	-	-
Pembroke	83.4	-	100.0	-	-	-	-	-
UNC-Asheville	89.8	-	-	-	-	-	-	-
Winston-Salem	70.1	-	84.0	-	-	-	-	-
SUBTOTAL	83.4	-	92.3	-	-	-	-	-

Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

Inst. & Res. Ctrs.	Indiv. Project Res.	Direct Patient Care	Health Care Svc.	Commu-nity Svc.	Coop. Exten. Svc.	Public Broad. Svc.	INSTITUTION
21	22	31	32	33	34	35	
							Research Univ. I:
100.0	74.1	-	-	95.4	49.6	49.7	NC State
-	92.2	99.6	99.8	-	-	-	NC State Vet.
29.7	90.8	-	-	80.9	-	0.0	UNC-Chapel Hill
85.8	94.5	98.0	97.5	66.1	-	-	UNC-Health Aff.
86.9	81.8	98.7	98.2	88.0	49.6	19.6	SUBTOTAL
							Doctoral Granting Universities II:
-	97.3	-	-	100.0	-	-	UNC-Greensboro
							Comprehensive I Universities:
-	98.2	-	-	85.3	-	-	Appalachian
0.3	87.0	-	100.0	91.8	-	93.1	East Carolina
-	45.2	99.6	99.7	100.0	-	-	ECU-Health Aff.
-	100.0	-	-	29.8	-	100.0	Fayetteville
100.0	55.7	-	-	25.4	3.3	100.0	NC A & T
91.1	8.3	-	-	100.0	-	-	NC Central
100.0	100.0	-	-	-	-	-	UNC-Charlotte
14.1	81.5	-	-	-	-	-	UNC-Wilmington
-	98.3	-	-	100.0	-	100.0	West'n Carolina
56.7	73.4	99.6	99.7	82.6	3.3	95.8	SUBTOTAL
							Comprehensive II Universities:
-	-	-	-	100.0	-	100.0	Elizabeth City
-	-	-	-	100.0	-	-	Pembroke
100.0	100.0	-	-	100.0	-	-	UNC-Asheville
-	31.7	-	-	0.0	-	100.0	Winston-Salem
100.0	61.3	-	-	96.6	-	100.0	SUBTOTAL

Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

INSTITUTION	Gen'l Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen'l Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.
	11	12	13	14	15	16	17	18
Specialized Institution:								
NC Sch. of Arts	92.9	-	-	-	-	-	-	-
Teaching Hospitals:								
UNC Hosp. - C.H.	100.0	-	-	-	-	-	-	-
Community Colleges:								
SUBTOTAL	93.7	95.4	95.5	87.8	95.4	100.0	93.8	92.2
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	79.9	-	100.0	46.1	63.7	-	-	-
Gen. Baccalaureate Colleges:								
SUBTOTAL	60.7	-	46.2	100.0	0.0	-	-	-
Junior Colleges:								
SUBTOTAL	67.6	-	0.0	-	-	-	-	-
GRAND TOTAL	76.6	95.4	88.1	83.3	92.9	100.0	93.8	92.2

Instruction, Research & Public Service Subprograms

Table 25a

(Percentages relate to assignable space in each subprogram.)

Inst. & Res. Ctrs.	Indiv. Project Res.	Direct Patient Care	Health Care Svc.	Commu-nity Svc.	Coop. Exten. Svc.	Public Broad. Svc.	INSTITUTION
21	22	31	32	33	34	35	
							Specialized Institution:
-	-	-	-	100.0	-	-	NC Sch. of Arts
							Teaching Hospitals:
-	-	99.9	98.7	-	-	-	UNC Hosp. - C.H.
							Community Colleges:
-	-	-	-	85.9	100.0	100.0	SUBTOTAL
			PRIVATE INSTITUTIONS				
							Major Research Universities:
-	85.0	99.3	90.9	-	-	0.0	SUBTOTAL
							Gen. Baccalaureate Colleges:
-	66.0	-	-	29.1	-	-	SUBTOTAL
							Junior Colleges:
-	-	-	-	0.0	-	-	SUBTOTAL
74.4	82.5	99.4	94.4	86.0	46.0	41.8	GRAND TOTAL

Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Commu-nity Svc. 33
Community Colleges:									
Alamance CC	100.0	99.8	100.0	100.0	100.0	-	-	-	100.0
Anson CC	100.0	81.0	0.0	31.7	0.0	-	-	-	0.0
Ashev'le-Bun. TCC	-	88.6	-	63.8	98.6	-	-	100.0	100.0
Beaufort Co. CC	-	91.5	-	93.9	-	-	-	-	52.6
Bladen CC	-	100.0	100.0	100.0	71.6	-	100.0	-	-
Blue Ridge CC	-	99.3	100.0	100.0	100.0	-	-	-	100.0
Brunswick CC	-	77.4	100.0	100.0	39.7	-	100.0	-	100.0
Caldwell CC & TI	74.0	95.7	100.0	-	-	-	-	-	-
Cape Fear CC	100.0	97.6	100.0	100.0	100.0	-	-	-	100.0
Carteret CC	100.0	82.9	100.0	78.2	100.0	-	-	100.0	100.0
Catawba Vy. CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0
C. Carolina CC	-	97.8	100.0	100.0	100.0	-	-	-	100.0
C. Piedmont CC	91.4	98.1	100.0	100.0	100.0	-	-	-	100.0
Cleveland CC	100.0	98.1	-	100.0	100.0	-	100.0	-	100.0
Coastal Car. CC	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0
Col. Albemarle	100.0	99.8	100.0	99.7	100.0	-	-	-	100.0
Craven CC**	100.0	99.3	100.0	100.0	-	-	-	-	-
Davidson Co. CC	100.0	100.0	100.0	100.0	-	-	100.0	-	0.0
Durham TCC	100.0	99.6	-	46.4	5.5	-	-	-	100.0
Edgecombe CC	100.0	79.9	-	100.0	97.9	-	100.0	-	100.0
Fayettev'le TCC	-	92.4	100.0	96.7	100.0	-	-	-	100.0
Forsyth TCC	100.0	97.6	100.0	100.0	100.0	-	100.0	100.0	100.0
Gaston Col.	99.3	94.5	100.0	100.0	100.0	-	-	-	0.0
Guilford TCC*	93.8	85.9	97.9	26.9	95.6	100.0	-	54.0	96.3
Halifax CC	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0
Haywood CC	-	82.7	-	100.0	86.1	-	-	100.0	100.0
Isothermal CC**	98.5	95.8	100.0	64.4	49.2	-	100.0	49.8	-
J. Sprunt CC	100.0	99.2	100.0	24.9	100.0	-	-	-	100.0
Johnston CC	-	99.8	-	100.0	-	-	-	-	0.0
Lenoir CC*	97.5	99.9	-	91.0	100.0	-	17.9	-	100.0

*34 (Coop. Exten. Svc.): Guilford TCC - 100.0, Lenoir CC - 100.0, Pitt CC - 100.0, Subtotal - 100.0.

Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Commu-nity Svc. 33
Community Colleges:									
Martin CC	93.8	98.8	100.0	100.0	-	-	-	-	100.0
Mayland CC	-	99.8	100.0	100.0	100.0	-	-	-	100.0
McDowell TCC	100.0	96.2	100.0	100.0	100.0	-	-	-	100.0
Mitchell CC	83.8	96.3	-	100.0	100.0	-	-	-	100.0
Montgomery CC	-	99.6	-	-	-	-	-	-	-
Nash CC	100.0	99.9	100.0	-	98.2	100.0	100.0	-	100.0
Pamlico CC	-	99.9	-	-	-	-	-	-	100.0
Piedmont CC	-	97.9	100.0	95.4	100.0	-	-	-	99.1
Pitt CC*	93.7	92.5	79.7	54.9	-	-	-	-	-
Randolph CC	-	100.0	-	100.0	100.0	-	-	-	100.0
Richmond CC	-	91.0	-	100.0	81.5	100.0	-	-	100.0
Roanoke-Cho. CC	-	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0
Robeson CC	-	100.0	-	100.0	100.0	-	-	-	-
Rockingham CC	86.8	95.2	-	100.0	100.0	-	-	-	100.0
Rowan-Cab. CC	-	100.0	-	100.0	100.0	-	-	-	-
Sampson CC	-	96.2	100.0	100.0	-	-	100.0	-	-
Sandhills CC	94.9	96.2	100.0	56.8	88.0	-	-	-	100.0
Southeastern CC	85.5	87.7	22.6	100.0	-	-	-	-	100.0
Southwestern CC	-	100.0	100.0	100.0	-	-	-	100.0	0.0
Stanly CC**	-	100.0	-	-	100.0	-	-	-	-
Surry CC	79.9	95.8	100.0	100.0	100.0	-	-	-	100.0
Tri-County CC	100.0	100.0	-	91.4	-	-	100.0	0.0	-
Vance-Granv. CC	100.0	99.2	100.0	100.0	100.0	-	-	100.0	100.0
Wake TCC	100.0	93.7	-	100.0	100.0	-	-	-	-
Wayne CC	83.6	96.1	-	98.3	47.1	-	-	-	100.0
W. Piedmont CC	99.5	99.5	-	100.0	100.0	-	-	-	100.0
Wilkes CC	100.0	97.2	-	100.0	-	-	-	-	0.0
Wilson TCC	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0
TOTAL	93.7	95.4	95.5	87.8	95.4	100.0	93.8	92.2	85.9

**35 (Public Broad. Svc.): Craven CC - 100.0, Isothermal CC - 100.0, Stanly CC - 100.0, Subtotal - 100.0.

Academic Support Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25b

INSTITUTION	Libr. Svcs. 41	Museums & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Research Universities I:								
NC State	99.0	-	92.5	85.8	100.0	83.7	-	-
NC State Vet.	96.9	-	85.3	100.0	-	100.0	-	-
UNC-Chapel Hill	81.7	100.0	70.5	84.8	47.8	66.0	-	99.7
UNC-Health Aff.	100.0	-	80.5	100.0	94.6	94.7	98.6	72.3
SUBTOTAL	87.8	100.0	80.3	86.2	78.8	81.7	98.6	94.6
Doctoral Granting Universities II:								
UNC-Greensboro	99.8	100.0	99.7	100.0	90.1	81.8	-	-
Comprehensive I Universities:								
Appalachian	100.0	100.0	100.0	97.3	53.6	86.7	100.0	100.0
East Carolina	100.0	88.9	100.0	26.7	98.9	86.3	-	-
ECU-Health Aff.	100.0	-	100.0	-	100.0	100.0	-	-
Fayetteville	100.0	85.3	3.2	100.0	0.0	91.9	-	-
NC A & T	100.0	64.6	100.0	100.0	57.2	70.4	-	-
NC Central	99.1	76.6	96.4	100.0	25.6	87.7	-	-
UNC-Charlotte	97.9	100.0	100.0	100.0	-	99.9	-	-
UNC-Wilmington	99.1	100.0	-	0.0	-	77.9	-	0.0
West'n Carolina	100.0	98.9	88.8	100.0	96.9	92.9	-	100.0
SUBTOTAL	99.6	91.7	88.1	93.4	75.2	85.9	100.0	79.2
Comprehensive II Universities:								
Elizabeth City	100.0	100.0	100.0	100.0	90.4	89.5	-	-
Pembroke	99.9	100.0	100.0	100.0	-	95.6	-	-
UNC-Asheville	100.0	100.0	99.6	100.0	-	100.0	-	-
Winston-Salem	100.0	89.8	100.0	100.0	32.5	65.8	-	-
SUBTOTAL	100.0	95.3	99.7	100.0	70.2	79.8	-	-

Academic Support Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25b

INSTITUTION	Libr. Svcs.	Museums & Galleries	Educ. Media Svcs.	Acad. Comput. Spt.	Ancil-lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
Specialized Institution:								
NC Sch. of Arts	100.0	59.2	100.0	100.0	100.0	89.0	-	-
Teaching Hospitals:								
UNC Hosp. at C.H.	-	-	-	-	-	-	-	-
Community Colleges:								
SUBTOTAL	97.9	98.4	97.7	100.0	77.3	94.8	100.0	-
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	94.3	35.3	94.8	93.5	53.0	84.1	-	100.0
Gen. Baccalaureate Colleges:								
SUBTOTAL	81.6	80.5	76.0	77.4	40.6	62.4	-	100.0
Junior Colleges:								
SUBTOTAL	93.6	59.5	-	59.0	-	54.9	-	-
GRAND TOTAL	92.8	83.0	91.3	91.0	74.1	83.7	99.8	90.1

Academic Support Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25b

INSTITUTION	Libr. Svcs. 41	Museums & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Community Colleges:								
Alamance CC	100.0	-	100.0	100.0	100.0	100.0	-	-
Anson CC	100.0	-	100.0	100.0	-	32.7	-	-
Ashev'le-Bun. TCC	100.0	-	100.0	100.0	96.1	57.2	-	-
Beaufort Co. CC	100.0	-	100.0	-	-	100.0	-	-
Bladen CC	100.0	-	100.0	-	-	91.1	-	-
Blue Ridge CC	100.0	100.0	100.0	-	100.0	100.0	-	-
Brunswick CC	100.0	-	100.0	-	100.0	100.0	-	-
Caldwell CC & TI	100.0	-	100.0	-	-	100.0	-	-
Cape Fear CC	100.0	-	100.0	100.0	-	100.0	-	-
Carteret CC	100.0	-	100.0	-	0.0	37.7	-	-
Catawba Vy. CC	100.0	100.0	100.0	-	100.0	100.0	-	-
C. Carolina CC	97.9	-	100.0	-	-	100.0	-	-
C. Piedmont CC	100.0	-	89.3	-	73.1	100.0	-	-
Cleveland CC	100.0	100.0	100.0	-	-	100.0	-	-
Coastal Car. CC	100.0	100.0	100.0	100.0	-	100.0	-	-
Col. Albemarle	100.0	100.0	100.0	-	-	100.0	-	-
Craven CC	100.0	-	100.0	-	-	100.0	-	-
Davidson Co. CC	98.4	-	100.0	100.0	96.8	100.0	-	-
Durham TCC	100.0	-	100.0	-	-	94.7	100.0	-
Edgecombe CC	100.0	-	100.0	100.0	-	100.0	-	-
Fayettev'le TCC	96.7	-	100.0	-	-	99.8	-	-
Forsyth TCC	100.0	-	80.3	100.0	-	100.0	-	-
Gaston Col.	100.0	100.0	-	100.0	10.4	100.0	-	-
Guilford TCC	91.8	-	100.0	-	-	63.0	100.0	-
Halifax CC	100.0	-	100.0	-	-	100.0	-	-
Haywood CC	100.0	100.0	50.4	-	100.0	100.0	-	-
Isothermal CC	15.0	-	100.0	-	-	100.0	-	-
J. Sprunt CC	100.0	-	-	-	-	100.0	-	-
Johnston CC	100.0	-	100.0	-	-	100.0	-	-
Lenoir CC	99.8	100.0	100.0	-	-	91.4	-	-

Academic Support Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25b

INSTITUTION	Libr. Svcs. 41	Museums & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Community Colleges:								
Martin CC	100.0	-	-	-	-	89.3	-	-
Mayland CC	100.0	-	100.0	-	-	100.0	-	-
McDowell TCC	100.0	100.0	-	-	100.0	100.0	-	-
Mitchell CC	99.7	83.9	100.0	-	-	95.8	-	-
Montgomery CC	100.0	-	-	-	100.0	100.0	-	-
Nash CC	100.0	-	-	-	-	100.0	-	-
Pamlico CC	100.0	-	100.0	100.0	-	100.0	-	-
Piedmont CC	100.0	-	100.0	100.0	-	100.0	-	-
Pitt CC	100.0	-	100.0	-	95.6	100.0	100.0	-
Randolph CC	100.0	-	100.0	-	-	100.0	-	-
Richmond CC	93.5	-	100.0	100.0	-	100.0	-	-
Roanoke-Cho. CC	100.0	-	-	-	100.0	100.0	-	-
Robeson CC	100.0	-	100.0	-	-	100.0	-	-
Rockingham CC	100.0	100.0	100.0	-	100.0	100.0	-	-
Rowan-Cab. CC	100.0	-	100.0	-	-	100.0	-	-
Sampson CC	100.0	-	-	-	-	100.0	-	-
Sandhills CC	99.8	100.0	100.0	-	-	74.9	-	-
Southeastern CC	98.5	-	100.0	100.0	100.0	100.0	-	-
Southwestern CC	100.0	-	100.0	-	-	100.0	-	-
Stanly CC	100.0	-	100.0	-	-	100.0	-	-
Surry CC	100.0	-	100.0	100.0	-	100.0	-	-
Tri-County CC	81.9	-	-	-	-	100.0	-	-
Vance-Granv. CC	100.0	-	-	100.0	100.0	100.0	-	-
Wake TCC	100.0	-	97.3	100.0	100.0	100.0	-	-
Wayne CC	100.0	-	100.0	-	-	100.0	100.0	-
W. Piedmont CC	100.0	-	100.0	-	-	100.0	-	-
Wilkes CC	100.0	100.0	100.0	-	100.0	100.0	-	-
Wilson TCC	99.0	-	100.0	-	100.0	100.0	-	-
TOTAL	97.9	98.4	97.7	100.0	77.3	94.8	100.0	-

Student Service and Physical Plant Operations Subprograms

Table 25c

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Stud. Svc. Admin. 51	Social/ Cultur. Devel. 52	Couns/ Career Guid. 53	Finan. Aid Admin. 54	Student Auxiliary Service 55	Inter-colleg. Athl. 56	Stud. Health/ Med. Svc. 57	Physical Plant Admin. 71	Build-ing Maint. 72	Custo-dial Svcs. 73	Util-ities 74	Landscp. Grounds Maint. 75
Research Universities I:												
NC State	87.6	83.4	80.5	100.0	15.0	62.0	98.1	54.8	94.1	40.4	12.3	26.3
NC State Vet.	-	100.0	-	-	93.0	-	-	-	61.3	100.0	-	-
UNC-Chapel Hill	28.8	87.2	70.8	13.5	16.7	88.7	86.0	100.0	74.7	70.5	57.5	77.8
UNC-Health Aff.	100.0	100.0	100.0	100.0	100.0	-	96.3	-	-	96.3	-	-
SUBTOTAL	64.5	85.4	76.5	45.4	16.3	80.8	96.7	76.0	83.0	75.6	36.3	64.2
Doctoral Granting Universities II:												
UNC-Greensboro	93.5	82.2	49.9	98.0	30.3	95.8	97.6	80.8	100.0	30.4	100.0	-
Comprehensive I Universities:												
Appalachian	60.7	78.5	94.1	100.0	22.4	88.0	99.6	53.2	70.3	100.0	100.0	-
East Carolina	5.0	69.4	82.1	100.0	7.7	78.2	40.5	11.4	68.9	7.8	-	0.0
ECU-Health Aff.	-	-	-	-	-	-	-	100.0	9.1	-	-	-
Fayetteville	100.0	43.3	100.0	100.0	9.3	41.6	0.0	-	0.0	-	-	100.0
NC A & T	100.0	67.4	100.0	67.4	10.4	28.3	100.0	100.0	82.8	100.0	0.0	100.0
NC Central	61.0	55.0	47.0	45.4	55.2	43.4	91.1	64.7	93.6	-	-	100.0
UNC-Charlotte	100.0	94.7	100.0	100.0	71.5	93.9	92.2	100.0	100.0	100.0	-	-
UNC-Wilmington	97.8	84.3	95.4	100.0	28.2	52.2	99.5	100.0	95.5	-	85.3	-
West'n Carolina	100.0	98.1	95.8	100.0	35.7	88.3	41.6	43.5	38.7	58.3	100.0	-
SUBTOTAL	74.3	76.9	91.8	86.8	31.3	66.7	73.2	56.7	63.3	49.8	88.8	71.0
Comprehensive II Universities:												
Elizabeth City	100.0	99.1	100.0	65.2	27.5	92.4	0.0	100.0	100.0	-	-	-
Pembroke	83.7	74.6	100.0	100.0	26.8	68.9	43.5	100.0	100.0	82.5	-	100.0
UNC-Asheville	100.0	100.0	100.0	100.0	76.0	4.1	100.0	100.0	100.0	100.0	100.0	94.0
Winston-Salem	7.9	95.9	40.0	0.0	31.8	69.5	0.0	60.4	98.8	84.6	100.0	100.0
SUBTOTAL	51.9	90.2	79.7	51.8	39.2	59.7	23.5	92.4	99.7	90.3	100.0	97.1
Specialized Institutions:												
NC Sch. of Arts	0.0	89.7	0.0	100.0	20.6	-	-	89.3	100.0	-	-	-
Teaching Hospitals:												
UNC Hosp. at C. Hill	-	-	-	-	-	-	-	-	100.0	-	-	-
Community Colleges:												
SUBTOTAL	96.1	91.3	96.3	100.0	97.8	100.0	83.1	85.0	79.7	93.9	100.0	76.3
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	89.5	76.7	24.4	73.5	23.1	82.4	53.3	48.2	44.5	86.1	17.8	0.0
Gen. Baccalaureate Colleges:												
SUBTOTAL	62.5	54.9	31.9	38.4	26.8	71.8	61.6	33.7	40.2	12.3	56.1	21.1
Junior Colleges:												
SUBTOTAL	46.4	73.7	65.6	9.5	38.4	60.6	42.1	88.0	89.3	3.6	-	100.0
GRAND TOTAL	75.3	73.7	79.7	69.7	28.9	75.9	70.1	61.9	63.9	58.4	43.4	57.3

Student Service and Physical Plant Operations Subprograms

Table 25c

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Stud. Svc. Admin.	Social/ Cultur. Devel.	Couns/ Career Guid.	Finan. Aid Admin.	Student Auxiliary Service	Inter-colleg. Athl.	Stud. Health/ Med. Svc.	Physical Plant Admin.	Build-ing Maint.	Custo-dial Svcs.	Util-ities	Landscp. Grounds Maint.
	51	52	53	54	55	56	57	71	72	73	74	75
Community Colleges:												
Alamance CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Anson CC	100.0	72.9	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Asheville-Bun. TCC	100.0	100.0	100.0	100.0	100.0	-	-	93.3	100.0	-	-	100.0
Beaufort Co. CC	100.0	100.0	38.1	100.0	100.0	-	-	-	100.0	-	-	-
Bladen CC	100.0	95.6	65.2	-	100.0	-	-	-	-	-	-	-
Blue Ridge CC	100.0	99.3	100.0	-	100.0	-	-	-	100.0	-	-	100.0
Brunswick CC	89.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Caldwell CC & TI	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	100.0
Cape Fear CC	100.0	100.0	100.0	100.0	84.8	-	-	-	-	-	-	100.0
Carteret CC	100.0	74.0	100.0	100.0	86.5	-	-	0.0	0.0	-	-	-
Catawba Vy. CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
C. Carolina CC	100.0	100.0	100.0	100.0	100.0	-	-	97.1	-	-	-	-
C. Piedmont CC	100.0	96.7	100.0	100.0	92.0	-	-	12.8	96.0	69.7	100.0	95.8
Cleveland CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	86.1	-	-	-
Coastal Car. CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Col. Albemarle	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Craven CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
Davidson Co. CC	100.0	95.8	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Durham TCC	100.0	100.0	100.0	100.0	69.7	-	-	-	38.9	100.0	-	0.0
Edgecombe CC	100.0	100.0	100.0	-	100.0	-	-	-	-	-	-	-
Fayettev'le TCC	100.0	94.6	100.0	100.0	100.0	-	100.0	100.0	3.4	100.0	-	0.0
Forsyth TCC	-	100.0	100.0	100.0	97.9	-	-	100.0	100.0	-	-	-
Gaston Col.	100.0	90.9	100.0	100.0	98.8	-	100.0	-	72.1	-	-	76.4
Guilford TCC	100.0	92.3	61.5	100.0	92.6	-	100.0	-	4.4	100.0	-	0.0
Halifax CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	78.1	100.0	-	-
Haywood CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	98.6
Isothermal CC	100.0	65.1	100.0	100.0	100.0	-	-	100.0	100.0	100.0	100.0	-
J. Sprunt CC	100.0	88.6	100.0	100.0	100.0	-	-	-	65.3	-	-	-
Johnston CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	100.0	-	-
Lenoir CC	100.0	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-	-	-
Martin CC	53.7	80.3	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Mayland CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
McDowell TCC	100.0	100.0	100.0	100.0	96.1	-	100.0	-	100.0	-	-	100.0
Mitchell CC	100.0	34.5	100.0	100.0	99.1	-	-	0.0	11.9	-	-	-
Montgomery CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Nash CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	100.0	-	-
Pamlico CC	100.0	-	100.0	-	100.0	-	-	-	0.0	-	-	-
Piedmont CC	100.0	100.0	100.0	-	100.0	-	-	-	100.0	-	-	-
Pitt CC	48.2	64.2	77.9	100.0	100.0	-	-	-	100.0	-	-	-
Randolph CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Richmond CC	100.0	100.0	100.0	100.0	64.2	-	100.0	-	0.0	-	-	-
Roanoke-Cho. CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	100.0
Robeson CC	100.0	76.7	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Rockingham CC	100.0	98.9	100.0	100.0	99.3	-	-	100.0	100.0	-	-	100.0
Rowan-Cab. CC	-	-	100.0	-	100.0	-	-	-	100.0	100.0	-	-
Sampson CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-	-	-	-
Sandhills CC	100.0	98.5	93.8	100.0	99.9	-	-	-	96.3	100.0	100.0	100.0
Southeastern CC	100.0	92.7	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Southwestern CC	100.0	100.0	100.0	100.0	100.0	-	-	-	0.0	-	-	-
Stanly CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Surry CC	100.0	86.8	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Tri-County CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
Vance-Granv. CC	100.0	-	91.3	100.0	100.0	-	-	-	100.0	-	-	-
Wake TCC	100.0	97.0	100.0	100.0	100.0	-	100.0	100.0	58.3	-	-	100.0
Wayne CC	100.0	99.0	100.0	100.0	97.2	-	100.0	-	100.0	-	-	-
W. Piedmont CC	95.0	100.0	100.0	100.0	100.0	-	100.0	100.0	0.0	100.0	-	0.0
Wilkes CC	100.0	91.2	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Wilson TCC	100.0	100.0	100.0	100.0	100.0	-	0.0	100.0	100.0	100.0	-	-
TOTAL	96.1	91.3	96.3	100.0	97.8	100.0	83.1	85.0	79.7	93.9	100.0	76.3

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Table 25d

Institutional Administration, Independent Operations & Unassigned Subprograms

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Exec. Mgmt. 61	Fin. Mgmt. & Opns. 62	Gen. Adm. Log. Svc. 63	Admin. Comput. Spt. 64	Fac/Staff Aux. Svcs. 65	Public Rela/ Devel. 66	Stud. Recruit. Admiss. 67	Stud. Recd. 68	Indep. Opns. Inst. 91	Indep. Opns. Ext. Agency 92	Unassigned Usable 01	Unassigned Unusable 02
Research Universities I:												
NC State	6.3	74.0	70.5	100.0	41.7	7.0	100.0	100.0	17.1	40.2	26.6	28.3
NC State Vet.	-	-	47.9	-	-	23.1	-	-	-	-	-	-
UNC-Chapel Hill	4.1	57.2	82.5	92.0	0.0	24.1	53.5	98.2	45.4	95.8	17.9	77.1
UNC-Health Aff.	-	-	100.0	-	100.0	100.0	100.0	100.0	36.2	100.0	92.9	60.6
SUBTOTAL	5.0	64.6	78.0	95.1	12.5	21.1	73.3	98.8	41.6	92.3	41.2	36.4
Doctoral Granting Universities II:												
UNC-Greensboro	80.9	75.7	78.1	0.0	0.0	0.0	97.1	-	-	-	-	15.6
Comprehensive I Universities:												
Appalachian	93.6	100.0	53.0	97.7	15.3	93.4	59.8	97.3	-	100.0	40.6	26.6
East Carolina	36.9	55.5	26.3	55.5	5.2	44.4	100.0	100.0	-	91.4	-	100.0
ECU-Health Aff.	-	-	0.0	-	-	92.8	-	-	-	-	-	-
Fayetteville	100.0	100.0	85.7	100.0	15.2	100.0	100.0	100.0	0.0	0.0	-	-
NC A & T	78.4	90.9	96.4	100.0	62.5	91.8	100.0	100.0	-	0.0	97.8	-
NC Central	82.1	99.4	62.6	99.6	40.8	13.4	0.0	100.0	-	0.0	34.4	44.7
UNC-Charlotte	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-
UNC-Wilmington	81.7	86.6	99.0	0.0	27.3	66.9	100.0	95.1	-	92.3	-	0.0
West'n Carolina	76.0	100.0	96.5	97.9	2.0	98.0	78.2	100.0	100.0	60.2	31.2	54.5
SUBTOTAL	83.8	89.0	67.9	76.8	24.9	75.0	81.5	98.8	93.1	56.7	87.3	30.9
Comprehensive II Universities:												
Elizabeth City	99.7	100.0	96.3	100.0	15.8	100.0	100.0	100.0	-	100.0	100.0	-
Pembroke	100.0	100.0	64.8	100.0	79.9	100.0	100.0	100.0	-	-	-	-
UNC-Asheville	36.9	74.8	70.0	100.0	27.4	100.0	100.0	100.0	-	98.9	100.0	100.0
Winston-Salem	73.0	31.1	15.4	100.0	58.1	36.7	0.0	100.0	-	100.0	100.0	99.2
SUBTOTAL	79.1	68.5	58.8	100.0	40.7	63.1	76.3	100.0	-	99.1	100.0	99.6
Specialized Institution:												
NC Sch. of Arts	27.6	100.0	77.0	100.0	19.3	45.3	100.0	100.0	100.0	-	0.0	100.0
Teaching Hospitals:												
UNC Hosp. at C. Hil	-	-	100.0	-	-	-	-	-	-	-	100.0	99.9
Community Colleges:												
SUBTOTAL	95.3	98.2	85.9	97.0	84.5	90.5	99.5	98.9	99.2	98.8	71.5	81.5
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	92.8	89.5	61.6	99.4	3.4	32.6	22.9	81.2	50.2	90.0	-	95.8
Gen. Baccalaureate Colleges:												
SUBTOTAL	53.2	50.7	14.5	41.2	8.6	24.8	42.2	49.2	1.6	12.9	10.9	14.1
Junior Colleges:												
SUBTOTAL	43.2	45.5	64.8	0.0	8.4	55.8	53.6	48.4	-	43.0	0.0	0.0
GRAND TOTAL	73.8	78.7	53.3	78.4	14.2	41.9	64.5	86.1	46.8	74.8	52.3	60.5

Table 25d

Institutional Administration, Independent Operations & Unassigned Subprograms

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Exec. Mgmt.	Fin. Mgmt. & Opns.	Gen. Adm. Log. Svc.	Admin. Comput. Spt.	Fac/Staff Aux. Svcs.	Public Rela/ Devel.	Stud. Recruit. Admiss.	Stud. Recd.	Indep. Opns. Inst.	Indep. Opns. Ext. Agency	Unassigned Usable	Unassigned Unusable
	61	62	63	64	65	66	67	68	91	92	01	02
Community Colleges:												
Alamance CC	98.7	100.0	100.0	100.0	43.5	100.0	100.0	100.0	-	-	100.0	100.0
Anson CC	100.0	100.0	100.0	66.8	-	100.0	-	100.0	-	-	100.0	-
Ashev'le-Bun. TCC	6.9	100.0	79.8	0.0	71.6	0.0	100.0	100.0	-	-	28.1	88.7
Beaufort Co. CC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	58.8	-
Bladen CC	98.0	100.0	100.0	100.0	100.0	-	-	100.0	-	100.0	100.0	-
Blue Ridge CC	100.0	100.0	100.0	0.0	100.0	100.0	-	100.0	-	100.0	-	-
Brunswick CC	100.0	79.6	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	0.0
Caldwell CC & TI	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	-	100.0
Cape Fear CC	100.0	100.0	97.9	100.0	100.0	100.0	100.0	100.0	-	0.0	-	-
Carteret CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-	100.0	-	-
Catawba Vy. CC	100.0	100.0	37.2	100.0	100.0	-	-	100.0	-	100.0	-	-
C. Carolina CC	98.2	100.0	100.0	-	100.0	-	-	100.0	100.0	-	-	0.0
C. Piedmont CC	100.0	88.2	94.2	100.0	89.6	100.0	-	100.0	-	-	-	100.0
Cleveland CC	100.0	100.0	100.0	-	100.0	100.0	100.0	100.0	-	-	77.6	-
Coastal Car. CC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-
Col. Albemarle	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Craven CC	100.0	100.0	100.0	-	100.0	100.0	-	100.0	-	-	-	-
Davidson Co. CC	100.0	100.0	100.0	100.0	98.6	100.0	100.0	100.0	-	100.0	-	-
Durham TCC	100.0	100.0	100.0	100.0	86.4	100.0	100.0	100.0	-	100.0	-	-
Edgecombe CC	100.0	100.0	100.0	-	100.0	100.0	100.0	100.0	-	-	10.7	100.0
Fayettev'le TCC	100.0	99.3	54.5	83.5	100.0	-	100.0	100.0	-	100.0	-	-
Forsyth TCC	99.2	100.0	100.0	100.0	100.0	100.0	100.0	85.8	-	100.0	100.0	-
Gaston Col.	60.6	100.0	59.4	-	100.0	100.0	100.0	100.0	-	-	-	-
Guilford TCC	98.6	83.4	77.9	100.0	88.1	100.0	91.1	100.0	-	-	9.1	-
Halifax CC	97.5	100.0	98.9	100.0	88.9	100.0	100.0	100.0	-	-	-	-
Haywood CC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0
Isothermal CC	99.1	100.0	78.1	100.0	100.0	100.0	100.0	100.0	-	-	-	-
J. Sprunt CC	100.0	100.0	100.0	-	100.0	-	-	100.0	-	-	-	-
Johnston CC	96.1	100.0	100.0	100.0	82.2	-	100.0	100.0	-	-	-	-
Lenoir CC	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-	-	-	100.0
Martin CC	100.0	93.5	100.0	100.0	78.6	-	-	100.0	-	57.0	-	0.0
Mayland CC	100.0	100.0	87.2	100.0	-	100.0	-	98.2	-	-	-	-
McDowell TCC	95.3	97.9	74.5	100.0	0.0	100.0	-	100.0	-	-	-	-
Mitchell CC	41.6	100.0	60.8	-	100.0	9.6	100.0	100.0	-	100.0	32.4	100.0
Montgomery CC	97.3	100.0	100.0	-	-	-	100.0	100.0	-	-	-	100.0
Nash CC	97.9	100.0	95.3	100.0	78.9	100.0	100.0	100.0	-	-	-	-
Pamlico CC	100.0	94.3	100.0	100.0	-	-	-	100.0	-	-	-	-
Piedmont CC	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Pitt CC	96.8	100.0	74.2	100.0	100.0	100.0	-	97.2	-	-	0.0	-
Randolph CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-	-	-	-
Richmond CC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Roanoke-Cho. CC	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	62.9	-
Robeson CC	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-
Rockingham CC	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-
Rowan-Cab. CC	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	-	-	-
Sampson CC	98.2	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	-	-
Sandhills CC	100.0	100.0	90.3	100.0	4.7	100.0	100.0	100.0	-	100.0	0.0	-
Southeastern CC	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	-	-
Southwestern CC	100.0	94.6	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-
Stanly CC	100.0	100.0	98.1	100.0	-	100.0	100.0	100.0	-	-	-	-
Surry CC	96.6	96.7	100.0	100.0	82.1	100.0	100.0	-	-	-	-	-
Tri-County CC	100.0	100.0	89.2	100.0	-	-	-	100.0	-	-	-	-
Vance-Granv. CC	100.0	100.0	51.6	-	100.0	100.0	100.0	100.0	-	-	-	-
Wake TCC	100.0	100.0	56.1	100.0	100.0	100.0	100.0	85.2	-	-	100.0	99.5
Wayne CC	100.0	100.0	98.6	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0
W. Piedmont CC	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	-	100.0
Wilkes CC	97.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.7	-	-	-
Wilson TCC	100.0	100.0	42.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
TOTAL	95.3	98.2	85.9	97.0	84.5	90.5	99.5	98.9	99.2	98.8	71.5	81.5

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TABLE 26:
ACCESSIBLE AREA BY ROOM CODES

Table 26 indicates for each of the ten summary room codes the amount and percentage of assignable area which is accessible to mobility impaired persons. It represents an additional source of information which, when viewed in conjunction with Tables 25-25d, creates a detailed profile of the accessible space on a campus.

Although such information can be useful to campus administrators in attempting to ensure that all programs are accessible to the mobility impaired, no absolute conclusions can be drawn from the data as to whether program accessibility has been achieved. It is clear, for example, that program accessibility does not require that an institution make all of its classrooms accessible. Instead, the institution can simply insure that courses taken by mobility impaired students be scheduled in rooms which are accessible to them.

Dashes in Table 26 indicate that the institution in question did not have any assignable area under the indicated summary room code. A "0" in the "Sq. Ft." column (with an accompanying "0.0" in the "%" column) indicates that the institution did have *assignable* area under the indicated summary room code but that none of it was *accessible*. The chart on page 118 lists all of the room codes which comprise the summary codes used in this table.

Table 26

Accessible Area by Room Code

(Percentages relate to assignable space under each room code.)

INSTITUTION	Total Accessible Area		Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%
Research Universities I:										
NC State	2,634,578	58.0	177,237	83.6	806,209	81.7	692,698	75.7	234,734	93.9
NC State Vet.	200,679	87.7	7,179	97.9	46,262	95.3	31,253	87.7	12,895	97.2
UNC-Chapel Hill	2,793,756	60.2	179,342	79.4	341,139	85.5	582,453	70.5	484,656	78.5
UNC-Health Aff.	1,283,000	94.2	53,514	96.6	425,006	95.2	479,623	93.4	67,700	99.3
SUBTOTAL	6,912,013	64.2	417,272	83.4	1,618,616	86.1	1,786,027	78.0	799,985	84.3
Doctoral Granting Universities II:										
UNC-Greensboro	1,158,308	64.3	116,737	97.6	157,567	91.2	266,450	81.1	140,729	98.1
Comprehensive I Universities:										
Appalachian	1,166,231	57.9	138,011	85.5	146,061	94.6	260,870	80.9	109,081	99.7
East Carolina	1,071,450	49.7	141,330	79.2	216,287	82.5	240,986	68.8	136,335	98.3
ECU-Health Aff.	415,077	93.0	30,251	100.0	120,060	99.7	121,013	98.3	38,872	100.0
Fayetteville	309,944	51.7	47,392	74.0	44,110	76.5	85,826	83.2	54,672	93.7
NC A & T	842,773	54.7	79,717	71.5	136,206	57.0	183,646	71.5	109,303	94.3
NC Central	661,446	65.1	70,174	68.0	45,747	53.7	118,410	70.2	103,252	94.8
UNC-Charlotte	1,454,763	86.7	91,916	99.5	246,384	99.5	263,640	99.9	125,670	98.4
UNC-Wilmington	620,882	61.5	57,711	92.1	64,247	80.5	140,060	83.3	115,519	98.2
West'n Carolina	1,077,054	67.1	82,507	89.9	125,765	96.2	176,508	86.4	116,809	99.8
SUBTOTAL	7,619,620	63.1	739,009	82.5	1,144,867	83.1	1,590,959	81.2	909,513	97.5
Comprehensive II Universities:										
Elizabeth City	389,691	69.3	34,680	87.8	60,923	94.0	72,715	93.0	34,826	90.0
Pembroke	327,596	67.5	39,609	83.3	37,446	92.9	72,666	91.5	30,964	97.3
UNC-Asheville	426,633	85.9	47,077	97.6	61,121	99.5	65,774	88.0	50,641	99.6
Winston-Salem	378,084	61.5	39,252	63.9	16,459	40.5	60,176	58.7	35,038	95.3
SUBTOTAL	1,522,004	70.5	160,618	81.7	175,949	84.9	271,331	81.0	151,469	95.8
Specialized Institution:										
NC Sch. of Arts	307,862	73.0	15,638	100.0	105,802	97.2	31,588	79.0	17,677	94.9
Teaching Hospitals:										
UNC Hosp. at C. Hill	716,859	99.1	1,564	100.0	650	100.0	212,656	98.3	5,712	100.0
Community Colleges:										
SUBTOTAL	8,589,355	94.0	1,579,630	94.3	3,090,081	96.3	1,325,228	95.1	716,391	97.0
					PRIVATE INSTITUTIONS					
Major Research Universities:										
SUBTOTAL	5,174,766	66.8	194,588	79.4	897,822	91.1	1,277,325	79.4	546,773	93.3
Gen. Baccalaureate Colleges:										
SUBTOTAL	4,790,617	41.3	429,624	56.9	404,398	54.2	598,425	51.0	549,787	76.2
Junior Colleges:										
SUBTOTAL	700,827	53.9	56,267	59.5	54,078	50.5	69,600	59.3	73,006	94.2
GRAND TOTAL	37,492,231	65.0	3,710,947	82.5	7,649,830	87.0	7,429,589	78.5	3,911,042	90.3

Accessible Area by Room Code

(Percentages relate to assignable space under each room code.)

Table 26

Special Use Facilities (500)		General Use Facilities (600)		Supporting Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq.Ft.	%	Sq. Ft.	%	
												Research Univ. I:
224,410	43.8	273,962	72.2	110,224	54.6	11,089	97.7	75,685	7.8	28,330	28.0	NC State
33,931	67.1	10,496	94.7	6,563	66.1	52,100	99.1	-	-	-	-	NC State Vet.
452,688	86.5	427,592	77.8	209,070	73.0	-	-	100,708	8.7	16,108	29.8	UNC-Chapel Hill
72,538	95.9	46,585	99.9	23,920	71.3	92,167	97.3	0	0.0	21,947	81.1	UNC-Health Aff.
783,567	67.4	758,635	76.9	349,777	65.8	155,356	97.9	176,393	8.3	66,385	36.4	SUBTOTAL
												Doctoral Granting Universities II:
88,596	87.1	202,210	71.0	84,798	83.4	9,268	96.2	84,593	17.2	7,360	15.6	UNC-Greensboro
												Comprehensive I Universities:
122,358	58.7	268,503	81.0	63,661	61.2	11,921	99.6	43,737	7.2	2,028	31.8	Appalachian
123,699	72.2	163,898	72.1	35,799	37.8	2,984	49.9	8,737	1.2	1,395	100.0	East Carolina
20,252	65.3	9,035	97.2	10,390	37.2	65,204	99.8	-	-	-	-	ECU-Health Aff.
14,627	31.3	42,123	45.7	16,584	59.5	0	0.0	4,610	3.2	-	-	Fayetteville
129,008	64.0	108,420	66.0	31,248	89.9	6,016	100.0	4,200	1.2	55,009	97.8	NC A & T
96,968	71.0	69,564	68.1	23,161	75.2	4,314	91.3	121,230	47.3	8,626	45.0	NC Central
95,506	96.2	217,483	97.8	37,591	100.0	6,162	90.9	370,411	63.8	-	-	UNC-Charlotte
65,043	63.7	113,616	86.7	29,285	87.6	1,166	100.0	34,235	11.9	0	0.0	UNC-Wilmington
157,355	79.0	206,129	81.8	61,569	83.8	1,924	45.0	136,900	26.7	11,588	54.5	West'n Carolina
824,816	68.9	1,198,771	78.2	309,288	66.6	99,691	90.5	724,060	20.9	78,646	60.8	SUBTOTAL
												Comprehensive II Universities:
63,204	91.7	86,352	92.1	14,543	94.9	0	0.0	22,249	14.1	199	100.0	Elizabeth City
50,604	77.1	71,258	84.2	16,656	73.9	1,396	47.1	6,997	6.3	-	-	Pembroke
13,150	39.1	54,263	93.7	15,423	95.3	1,192	100.0	79,789	69.7	38,203	100.0	UNC-Asheville
60,903	90.4	81,122	89.2	14,600	55.2	0	0.0	23,239	16.8	47,295	99.5	Winston-Salem
187,861	79.8	292,995	89.6	61,222	76.1	2,588	22.5	132,274	25.4	85,697	99.7	SUBTOTAL
												Specialized Institution:
5,293	42.8	57,075	75.9	34,001	93.5	0	0.0	20,064	21.7	20,724	99.4	NC Sch. of Arts
												Teaching Hospitals:
1,730	100.0	41,395	100.0	46,609	99.5	392,263	99.4	4,349	100.0	9,931	99.9	UNC Hosp. at C. Hil
												Community Colleges:
420,535	82.9	981,303	95.5	364,419	82.8	1,464	83.1	772	11.6	109,532	77.8	SUBTOTAL
						PRIVATE INSTITUTIONS						
												Major Research Universities:
289,078	58.9	639,757	77.2	280,640	58.9	736,425	98.4	192,206	11.7	120,152	95.8	SUBTOTAL
												Gen. Baccalaureate Colleges:
892,504	71.9	1,157,496	59.9	168,488	20.4	24,786	61.8	550,777	13.8	14,332	9.3	SUBTOTAL
												Junior Colleges:
113,907	84.6	176,803	75.0	34,016	75.3	4,311	41.5	118,839	25.2	0	0.0	SUBTOTAL
3,607,887	71.0	5,506,440	75.7	1,733,258	56.8	1,426,152	95.9	2,004,327	15.6	512,759	56.9	GRAND TOTAL

Table 26

Accessible Area by Room Code

(Percentages relate to assignable space under each room code.)

INSTITUTION	Total Accessible Area		Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%
Community Colleges:										
Alamance CC	137,720	99.4	27,387	100.0	57,113	99.7	21,004	99.9	7,884	100.0
Anson CC	37,030	80.1	4,973	85.6	15,157	75.8	5,148	63.4	4,758	100.0
Ashev'le-Bun. TCC	256,813	88.8	65,711	87.7	106,173	93.3	28,473	77.4	7,029	80.7
Beaufort Co. CC	92,515	93.2	12,243	75.3	34,230	100.0	16,231	88.9	8,468	100.0
Bladen CC	75,636	95.7	9,066	100.0	30,066	93.0	8,928	94.0	5,240	100.0
Blue Ridge CC	119,773	99.5	21,645	100.0	43,296	99.0	13,640	99.5	10,734	100.0
Brunswick CC	95,796	86.1	16,169	100.0	19,090	74.4	16,221	97.5	8,361	60.3
Caldwell CC & TI	144,162	95.2	24,285	99.9	51,482	87.9	20,730	100.0	12,941	100.0
Cape Fear CC	144,608	97.6	19,241	96.4	64,689	98.7	30,091	98.2	13,067	100.0
Carteret CC	110,967	84.2	16,372	85.6	37,141	96.1	9,199	81.1	6,361	91.4
Catawba Vy. CC	193,965	95.7	36,709	100.0	86,365	100.0	28,340	99.7	17,661	100.0
C. Carolina CC	164,588	97.6	27,245	100.0	67,963	97.3	22,223	97.9	10,613	97.7
C. Piedmont CC	542,959	96.6	117,659	98.3	214,037	98.4	92,136	95.4	49,273	100.0
Cleveland CC	133,957	98.7	20,650	94.2	45,995	100.0	17,579	99.1	13,500	100.0
Coastal Car. CC	177,146	100.0	37,275	100.0	71,011	100.0	26,467	100.0	15,190	100.0
Col. Albemarle	118,966	99.9	17,930	100.0	37,946	99.7	17,975	100.0	13,610	99.8
Craven CC	105,277	99.6	27,308	100.0	37,987	98.9	14,541	99.6	14,397	100.0
Davidson Co. CC	144,516	98.3	28,301	100.0	42,485	100.0	23,288	100.0	15,832	98.4
Durham TCC	157,778	92.6	30,275	89.0	62,560	98.7	29,932	98.2	13,147	100.0
Edgecombe CC	90,204	84.3	17,365	75.9	28,325	85.6	15,487	97.9	9,608	100.0
Fayettev'le TCC	295,353	91.8	67,268	97.4	85,934	92.6	62,018	94.1	15,945	98.7
Forsyth TCC	318,682	98.3	67,142	100.0	119,809	96.3	48,557	99.5	20,469	100.0
Gaston Col.	219,352	86.2	51,028	95.7	91,177	95.6	30,363	92.4	12,415	100.0
Guilford TCC	364,610	82.4	75,220	80.4	146,640	85.4	59,887	86.8	27,708	92.0
Halifax CC	95,886	99.3	16,045	100.0	32,319	100.0	17,918	99.6	11,571	100.0
Haywood CC	202,474	89.5	13,462	76.0	96,141	94.1	24,085	95.8	7,228	100.0
Isothermal CC	149,431	88.4	23,557	93.8	54,984	91.0	19,908	98.7	3,004	25.5
J. Sprunt CC	83,123	96.1	13,335	97.4	32,768	98.4	17,479	94.8	4,368	100.0
Johnston CC	147,869	98.9	26,495	100.0	53,410	99.6	13,528	99.7	9,497	100.0
Lenoir CC	170,734	98.4	33,266	97.1	42,931	97.4	24,138	98.2	19,239	98.9
Martin CC	141,529	85.5	9,759	93.4	48,549	99.5	12,566	91.3	13,448	100.0
Mayland CC	58,825	99.0	11,785	100.0	16,455	99.7	11,208	99.9	8,531	100.0
McDowell TCC	69,719	96.2	14,685	92.1	31,683	98.4	10,846	97.9	5,251	100.0
Mitchell CC	148,117	84.0	30,867	94.2	48,217	96.9	18,147	80.9	14,231	99.2
Montgomery CC	50,361	99.7	5,733	100.0	25,877	99.9	6,516	98.2	3,043	100.0
Nash CC	132,124	99.0	30,606	97.8	57,400	99.9	21,772	98.5	4,392	100.0
Pamlico CC	27,496	95.7	4,363	100.0	11,183	100.0	4,419	98.5	3,916	100.0
Piedmont CC	96,949	98.7	14,676	97.6	27,569	98.0	15,124	99.0	7,377	100.0
Pitt CC	133,860	92.3	22,782	91.7	51,487	96.6	20,807	76.7	20,441	97.7
Randolph CC	156,999	100.0	32,785	100.0	61,842	100.0	25,133	100.0	9,826	100.0
Richmond CC	104,408	91.6	15,926	86.6	38,488	95.2	22,270	94.9	10,351	93.3
Roanoke-Cho. CC	97,803	96.6	14,375	100.0	46,149	100.0	11,867	99.8	7,992	100.0
Robeson CC	132,923	97.6	20,303	100.0	47,177	99.9	24,271	99.9	11,391	100.0
Rockingham CC	181,823	94.3	31,522	95.4	57,222	95.2	24,469	99.6	12,697	100.0
Rowan-Cab. CC	165,776	100.0	41,849	100.0	53,226	100.0	23,224	100.0	17,403	100.0
Sampson CC	85,856	98.1	13,673	100.0	29,857	98.4	18,402	99.7	10,424	100.0
Sandhills CC	187,207	93.5	33,743	95.9	51,545	98.1	31,250	93.4	19,753	100.0
Southeastern CC	115,083	89.8	19,387	72.2	38,650	98.4	16,298	77.7	13,315	98.8
Southwestern CC	136,674	95.6	24,135	100.0	36,237	100.0	24,516	99.2	10,015	100.0
Stanly CC	73,698	100.0	16,369	100.0	25,787	100.0	13,504	99.8	5,158	100.0
Surry CC	125,179	93.5	13,576	64.0	45,395	100.0	17,340	96.8	11,261	100.0
T-i-County CC	80,124	96.6	17,365	98.1	27,879	99.5	6,976	97.2	5,267	84.7
Vance-Granv. CC	131,340	97.3	24,378	98.0	45,886	100.0	25,290	99.4	9,715	100.0
Wake TCC	257,622	93.2	52,661	93.0	67,622	93.8	51,207	98.8	32,590	100.0
Wayne CC	201,022	95.7	37,688	93.3	56,485	93.2	29,540	94.3	24,447	100.0
W. Piedmont CC	128,709	96.1	24,137	99.8	35,380	99.9	22,894	99.3	14,876	100.0
Wilkes CC	160,682	97.1	22,004	94.9	42,305	99.9	20,112	98.0	10,904	100.0
Wilson TCC	115,557	98.4	13,871	100.0	55,305	100.0	19,746	96.8	9,258	99.3
TOTAL	8,589,355	94.0	1,579,630	94.3	3,090,081	96.3	1,325,228	95.1	716,391	97.0

Table 26

Accessible Area by Room Code

(Percentages relate to assignable space under each room code.)

Special Use Facilities (500)		General Use Facilities (600)		Supporting Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	
												Community Colleges:
6,886	100.0	10,261	100.0	5,871	100.0	-	-	0	0.0	1,314	100.0	Alamance CC
240	100.0	3,456	86.4	2,398	100.0	-	-	-	-	900	100.0	Anson CC
15,353	96.2	13,801	96.8	11,209	81.9	-	-	-	-	9,064	81.6	Ashev'le-Bun. TCC
955	100.0	10,032	100.0	9,398	100.0	-	-	-	-	958	58.8	Beaufort Co. CC
253	100.0	13,632	96.1	2,279	100.0	-	-	-	-	6,172	100.0	Bladen CC
6,323	100.0	15,052	99.8	9,083	99.2	-	-	-	-	-	-	Blue Ridge CC
1,714	100.0	14,198	100.0	3,741	100.0	-	-	-	-	16,302	84.4	Brunswick CC
16,331	98.9	11,530	100.0	6,693	100.0	-	-	-	-	170	100.0	Caldwell CC & TI
2,263	100.0	12,304	91.5	2,953	100.0	-	-	0	0.0	-	-	Cape Fear CC
1,275	10.1	22,512	95.5	18,107	92.4	-	-	-	-	-	-	Carteret CC
7,222	100.0	14,854	100.0	2,814	24.6	-	-	-	-	-	-	Catawba Vy. CC
3,474	100.0	28,799	100.0	4,271	97.3	-	-	-	-	0	0.0	C. Carolina CC
25,628	80.1	30,999	92.0	12,879	100.0	-	-	-	-	348	100.0	C. Piedmont CC
11,752	100.0	16,734	100.0	7,515	95.5	-	-	-	-	232	100.0	Cleveland CC
4,032	100.0	17,005	100.0	6,166	100.0	-	-	-	-	-	-	Coastal Car. CC
726	100.0	27,169	100.0	3,610	100.0	-	-	-	-	-	-	Col. Albemarle
1,797	100.0	7,309	100.0	1,338	100.0	-	-	-	-	-	-	Craven CC
16,124	88.8	13,791	98.6	4,695	100.0	-	-	-	-	-	-	Davidson Co. CC
1,913	70.0	13,918	84.8	6,033	63.5	-	-	-	-	-	-	Durham TCC
1,346	100.0	13,699	99.1	1,171	100.0	-	-	-	-	3,203	34.7	Edgecombe CC
15,280	84.9	33,699	100.0	14,831	57.8	378	100.0	-	-	-	-	Fayettev'le TCC
17,077	98.4	34,301	98.8	10,991	100.0	-	-	-	-	336	100.0	Forsyth TCC
4,378	17.7	24,873	94.6	4,839	53.6	279	100.0	-	-	-	-	Gaston Col.
10,283	52.9	40,179	92.0	4,609	33.3	84	100.0	-	-	0	0.0	Guilford TCC
1,069	100.0	12,627	99.5	4,337	88.2	-	-	-	-	-	-	Halifax CC
17,294	61.1	15,364	100.0	8,469	85.6	-	-	233	100.0	20,198	100.0	Haywood CC
25,791	100.0	14,151	86.3	8,036	85.9	-	-	-	-	-	-	Isothermal CC
2,969	100.0	9,160	95.5	3,044	74.5	-	-	-	-	-	-	J. Sprunt CC
11,761	90.0	24,877	99.7	8,301	100.0	-	-	-	-	-	-	Johnston CC
21,620	99.8	14,618	100.0	6,632	100.0	-	-	-	-	8,290	100.0	Lenoir CC
5,808	100.0	45,199	82.6	6,200	94.4	-	-	-	-	0	0.0	Martin CC
884	100.0	5,493	100.0	4,469	88.8	-	-	-	-	-	-	Mayland CC
1,127	100.0	3,888	97.4	2,129	76.9	110	100.0	-	-	-	-	McDowell TCC
10,195	60.6	18,821	67.5	2,795	42.9	-	-	-	-	4,844	82.8	Mitchell CC
1,538	100.0	4,096	100.0	2,436	100.0	-	-	-	-	1,122	100.0	Montgomery CC
-	-	9,022	97.8	8,932	100.0	-	-	-	-	-	-	Nash CC
465	100.0	2,114	100.0	1,036	47.2	-	-	-	-	-	-	Pamlico CC
12,031	100.0	12,441	98.8	7,731	100.0	-	-	-	-	-	-	Piedmont CC
7,837	97.5	6,818	100.0	3,688	100.0	-	-	-	-	0	0.0	Pitt CC
4,769	100.0	14,515	100.0	8,129	100.0	-	-	-	-	-	-	Randolph CC
1,445	100.0	10,863	87.7	4,965	74.9	100	100.0	-	-	-	-	Richmond CC
1,087	100.0	6,994	100.0	5,504	100.0	-	-	-	-	3,835	53.1	Roanoke-Cho. CC
1,747	100.0	21,732	87.0	6,302	100.0	-	-	-	-	-	-	Robeson CC
22,988	78.3	23,294	99.2	9,314	100.0	-	-	-	-	317	100.0	Rockingham CC
3,633	100.0	19,238	100.0	7,203	100.0	-	-	-	-	-	-	Rowan-Cab. CC
0	0.0	10,003	100.0	3,497	100.0	-	-	-	-	-	-	Sampson CC
10,255	83.6	31,579	99.2	8,543	93.3	-	-	539	9.7	0	0.0	Sandhills CC
9,969	98.3	11,872	100.0	5,592	100.0	-	-	-	-	-	-	Southeastern CC
4,491	57.2	30,609	100.0	5,407	66.1	-	-	-	-	1,264	100.0	Southwestern CC
1,444	100.0	10,282	100.0	1,154	100.0	-	-	-	-	-	-	Stanly CC
17,796	100.0	14,356	96.9	5,455	100.0	-	-	-	-	-	-	Surry CC
-	-	13,669	100.0	8,968	88.3	-	-	-	-	-	-	Tri-County CC
2,764	100.0	21,250	100.0	2,057	41.2	-	-	-	-	-	-	Vance-Granv. CC
12,497	98.2	22,634	98.0	10,498	53.5	328	100.0	-	-	7,585	99.5	Wake TCC
3,643	100.0	24,004	98.4	13,165	100.0	131	100.0	-	-	11,919	100.0	Wayne CC
4,932	96.7	12,628	100.0	2,649	35.7	54	100.0	-	-	11,159	100.0	W. Piedmont CC
22,591	99.9	31,347	90.8	11,419	100.0	-	-	-	-	-	-	Wilkes CC
1,470	100.0	7,038	100.0	8,869	91.5	0	0.0	-	-	-	-	Wilson TCC
420,535	82.9	981,303	95.5	364,419	82.8	1,464	83.1	772	11.6	109,532	77.8	TOTAL

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Institutional Index

Institution	Type*	FICE Code	County	City	Congr. Dist.**
Alamance Community College	1-3	005463	Alamance	Haw River 27258	06
Anson Community College	1-3	007985	Anson	Ansonville 28007	08
Appalachian State University	1-2	002906	Watauga	Boone 28608	10
Asheville-Buncombe TCC	1-3	004033	Buncombe	Asheville 28801	11
Barber-Scotia College	2-2	002909	Cabarrus	Concord 28025	08
Barton College	2-2	002908	Wilson	Wilson 27893	02
Beaufort County CC	1-3	008558	Beaufort	Washington 27889	01
Belmont Abbey College	2-2	002910	Gaston	Belmont 28012	10
Bennett College	2-2	002911	Guilford	Greensboro 27420	06
Bladen Community College	1-3	007987	Bladen	Dublin 28332	03
Blue Ridge Community College	1-3	009684	Henderson	Flat Rock 28731	11
Bowman Gray Sch. of Medicine	2-2		Forsyth	Winston-Salem 27103	05
Brevard College	2-3	002912	Transylvania	Brevard 28712	11
Brunswick Community College	1-3	029275	Brunswick	Supply 28462	07
Caldwell CC & TI	1-3	004835	Caldwell	Hudson 28638-1399	10
Campbell University	2-2	002913	Harnett	Buie's Creek 27506	03
Cape Fear Community College	1-3	005320	New Hanover	Wilmington 28401	07
Carteret Community College	1-3	008081	Carteret	Morehead City 28557	01
Catawba College	2-2	002914	Rowan	Salisbury 28144	08
Catawba Valley CC	1-3	005318	Catawba	Hickory 28601	10
Central Carolina CC	1-3	005449	Lee	Sanford 27330	03
Central Piedmont CC	1-3	002915	Mecklenburg	Charlotte 28204	09
Chowan College	2-3	002916	Hertford	Murfreesboro 27855	01
Cleveland Community College	1-3	008082	Cleveland	Shelby 28150	10
Coastal Carolina CC	1-3	008084	Onslow	Jacksonville 28540	03
College of the Albemarle	1-3	002917	Pasquotank	Elizabeth City 27909	01
Craven Community College	1-3	008086	Craven	New Bern 28560	01
Davidson College	2-2	002918	Mecklenburg	Davidson 28036	09
Davidson County CC	1-3	002919	Davidson	Lexington 27292	06
Duke University	2-1	002920	Durham	Durham 27706	02
Duke Medical Center	2-2		Durham	Durham 27706	02
Durham Technical CC	1-3	005448	Durham	Durham 27703	02
East Carolina University	1-2	002923	Pitt	Greenville 27834	01
ECU-Health Affairs	1-1		Pitt	Greenville 27834	01
Edgecombe Community College	1-3	008855	Edgecombe	Tarboro 27886	02
Elizabeth City State University	1-2	002926	Pasquotank	Elizabeth City 27909	01
Elon College	2-2	002927	Alamance	Elon College 27244	06
Fayetteville State University	1-2	002928	Cumberland	Fayetteville 28301	07
Fayetteville TCC	1-3	007640	Cumberland	Fayetteville 28303	07
Forsyth TCC	1-3	005317	Forsyth	Winston-Salem 27103	05
Gardner-Webb College	2-2	002929	Cleveland	Boiling Springs 28017	10
Gaston College	1-3	002973	Gaston	Dallas 28034	10
Greensboro College	2-2	002930	Guilford	Greensboro 27420	06
Guilford College	2-2	002931	Guilford	Greensboro 27410	06
Guilford Technical CC	1-3	004838	Guilford	Jamestown 27282	06
Halifax Community College	1-3	007986	Halifax	Weldon 27890	02
Haywood Community College	1-3	008083	Haywood	Clyde 28721	11

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Institution	Type*	FICE Code	County	City	Congr. Dist.**
High Point University	2-2	002933	Guilford	High Point 27262	06
Isothermal Community College	1-3	002934	Rutherford	Spindale 28160	11
James Sprunt Community College	1-3	007687	Duplin	Kenansville 28349	03
Johnson C. Smith University	2-2	002936	Mecklenburg	Charlotte 28216	09
Johnston Community College	1-3	009336	Johnston	Smithfield 27577	03
Lees-McRae College	2-3	002939	Avery	Banner Elk 28604	10
Lenoir Community College	1-3	002940	Lenoir	Kinston 28501	01
Lenoir-Rhyne College	2-2	002941	Catawba	Hickory 28603	10
Livingstone College	2-2	002942	Rowan	Salisbury 28144	08
Louisburg College	2-3	002943	Franklin	Louisburg 27549	04
Mars Hill College	2-2	002944	Madison	Mars Hill 28754	11
Martin Community College	1-3	007988	Martin	Williamston 27892	01
Mayland Community College	1-3	011197	Mitchell	Spruce Pine 28777	11
McDowell Technical CC	1-3	008085	McDowell	Marion 28752	11
Meredith College	2-2	002945	Wake	Raleigh 27607-5298	04
Methodist College	2-2	002946	Cumberland	Fayetteville 28301	07
Mitchell Community College	1-3	002947	Iredell	Statesville 28677	09
Montgomery Community College	1-3	008087	Montgomery	Troy 27371	08
Montreat-Anderson College	2-3	002948	Buncombe	Montreat 28757	11
Mount Olive College	2-2	002949	Wayne	Mount Olive 28365	03
Nash Community College	1-3	008557	Nash	Rocky Mount 27801	02
N. C. A & T State University	1-2	002905	Guilford	Greensboro 27411	06
N. C. Central University	1-2	002950	Durham	Durham 27707	02
N. C. School of the Arts	1-2	003981	Forsyth	Winston-Salem 27107	05
N. C. State University	1-1	002972	Wake	Raleigh 27650	04
NCSU Veterinary School	1-1		Wake	Raleigh 27650	04
N. C. Wesleyan College	2-2	002951	Nash	Rocky Mount 27801	02
Pamlico Community College	1-3	007031	Pamlico	Grantsboro 28529	01
Peace College	2-3	002953	Wake	Raleigh 27604	04
Pembroke State University	1-2	002954	Robeson	Pembroke 28372	07
Pfeiffer College	2-2	002955	Stanly	Misenheimer 28109	08
Piedmont Bible College	2-2	002956	Forsyth	Winston-Salem 27101	05
Piedmont Community College	1-3	009646	Person	Roxboro 27573	02
Pitt Community College	1-3	004062	Pitt	Greenville 27834	01
Queens College	2-2	002957	Mecklenburg	Charlotte 28274-0001	09
Randolph Community College	1-3	005447	Randolph	Asheboro 27203	04
Richmond Community College	1-3	005464	Richmond	Hamlet 28345	08
Roanoke-Chowan CC	1-3	008613	Hertford	Ahoskie 27910	01
Robeson Community College	1-3	008612	Robeson	Lumberton 28358	07
Rockingham Community College	1-3	002958	Rockingham	Wentworth 27375	05
Rowan-Cabarrus CC	1-3	005754	Rowan	Salisbury 28144	08
Saint Andrews Presbyterian C.	2-2	002967	Scotland	Laurinburg 28352	08
Saint Augustine's College	2-2	002968	Wake	Raleigh 27611	04
Saint Mary's College	2-3	002969	Wake	Raleigh 27603-1689	04
Salem College	2-2	002960	Forsyth	Winston-Salem 27108	05
Sampson Community College	1-3	007892	Sampson	Clinton 28328	03
Sandhills Community College	1-3	002961	Moore	Southern Pines 28327	03
Shaw University	2-2	002962	Wake	Raleigh 27602	04
Southeastern Community College	1-3	002964	Columbus	Whiteville 28472	07
Southwestern Community College	1-3	008466	Jackson	Sylva 28779	11

Institution	Type*	FICE Code	County	City	Congr. Dist.**
Stanly Community College	1-3	011194	Stanly	Albemarle 28001	08
Surry Community College	1-3	002970	Surry	Dobson 27017	05
Tri-County Community College	1-3	009430	Cherokee	Murphy 28906	11
U. of N. C. at Asheville	1-2	002907	Buncombe	Asheville 28814	11
U. of N. C. at Chapel Hill	1-1	002974	Orange	Chapel Hill 27514	04
U. of N. C. at Charlotte	1-2	002975	Mecklenburg	Charlotte 28223	09
U. of N. C. at Greensboro	1-2	002976	Guilford	Greensboro 27412	06
U. of N. C. Health Affairs	1-1		Orange	Chapel Hill 27514	04
U. of N. C. at Wilmington	1-2	002984	New Hanover	Wilmington 28406	07
Vance-Granville Community College	1-3	009903	Vance	Henderson 27536	02
Wake Forest University	2-1	002978	Forsyth	Winston-Salem 27109	05
Wake Technical CC	1-3	004844	Wake	Raleigh 27603	04
Warren Wilson College	2-2	002979	Buncombe	Swannanoa 28778	11
Wayne Community College	1-3	002980	Wayne	Goldsboro 27530	03
Western Carolina University	1-2	002981	Jackson	Cullowhee 28723	11
Western Piedmont CC	1-3	002982	Burke	Morganton 28655	10
Wilkes Community College	1-3	002983	Wilkes	Wilkesboro 28697	05
Wilson Technical CC	1-3	004845	Wilson	Wilson 27893	02
Wingate College	2-2	002985	Union	Wingate 28174	08
Winston-Salem State University	1-2	002986	Forsyth	Winston-Salem 27102	05

*The Type Code in this index indicates the control and level of the institution. Controls are a "1" for public and a "2" for private institutions. The level codes, which follow the dash, are a "1" for doctoral, a "2" for baccalaureate and graduate levels less than doctoral, and a "3" for 2-year institutions.

**Based on 1980 census.

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